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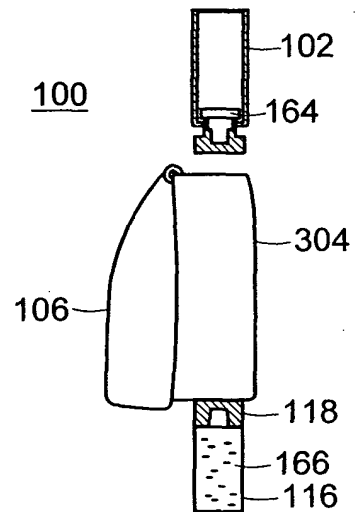


Figure 1A

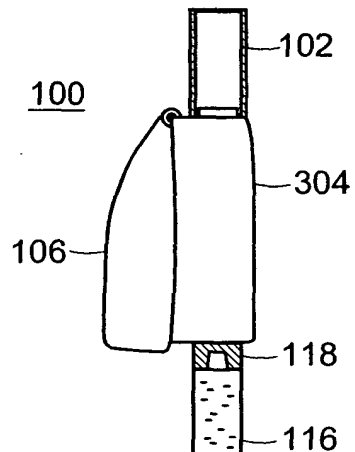


Figure 1B

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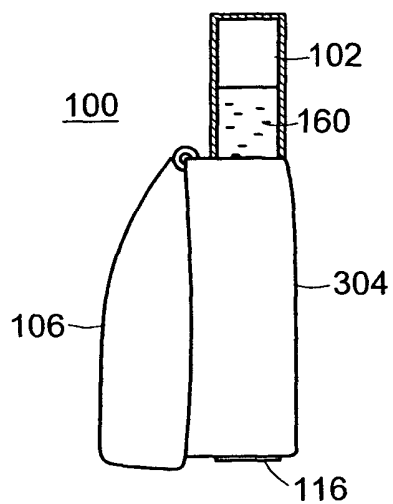


Figure 1C

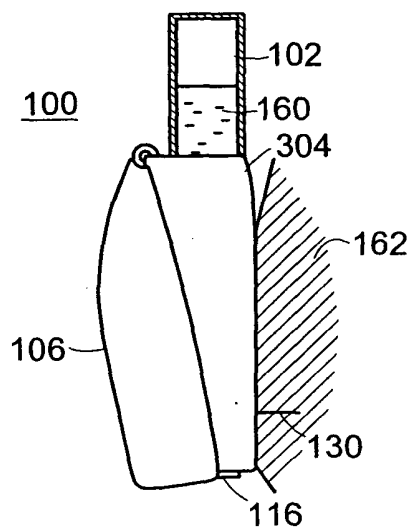


Figure 1D

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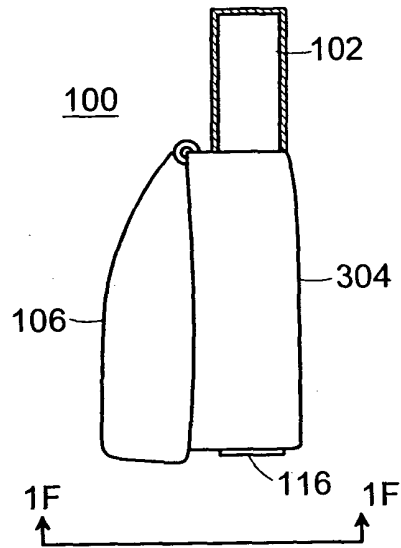


Figure 1E

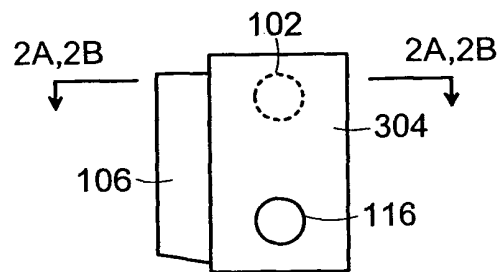


Figure 1F

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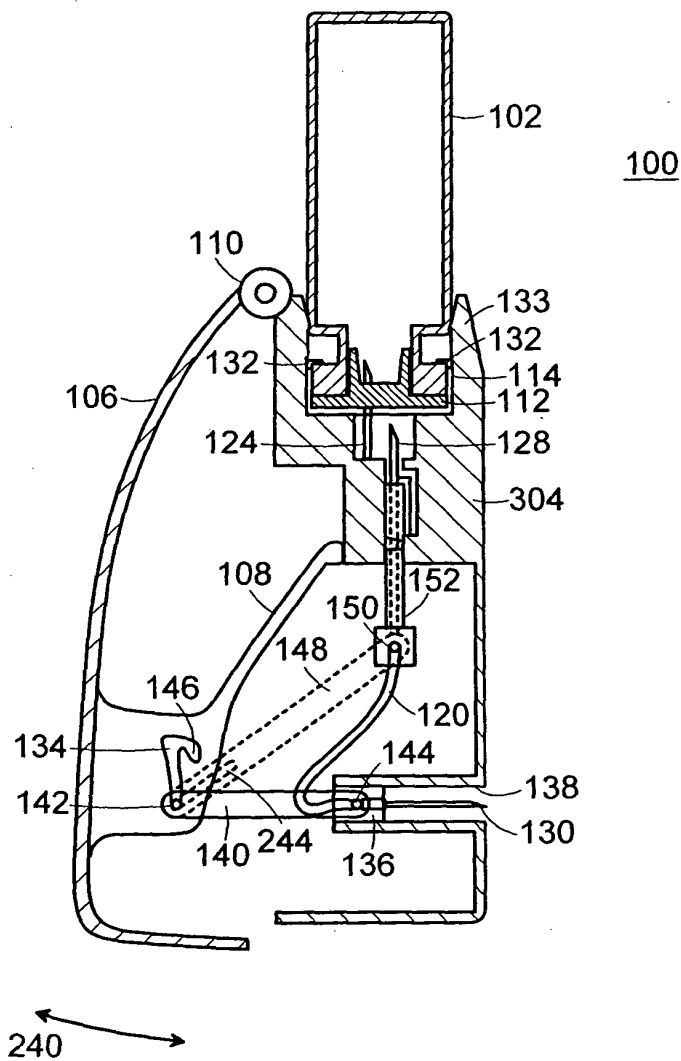


Figure 2A

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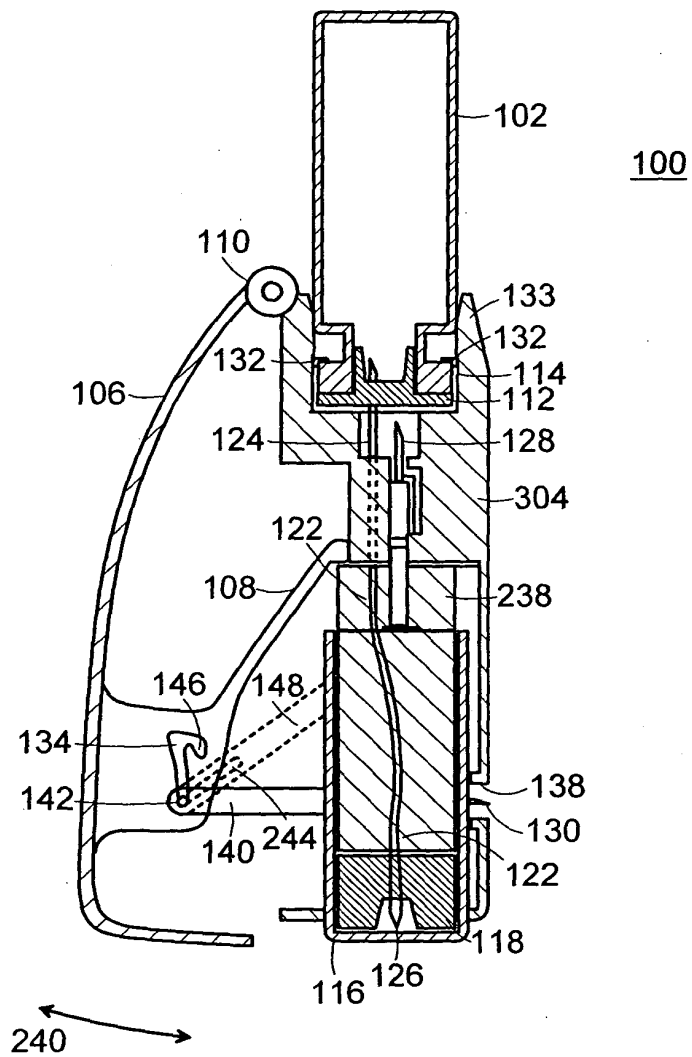


Figure 2B

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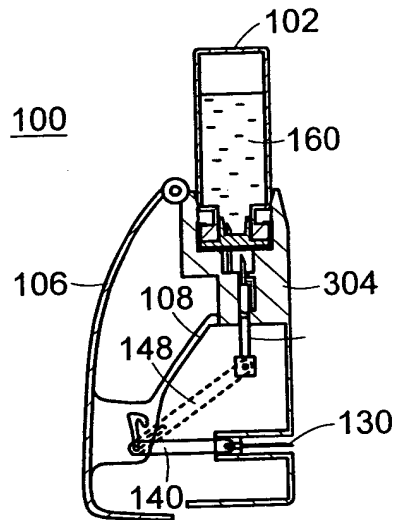


Figure 3A

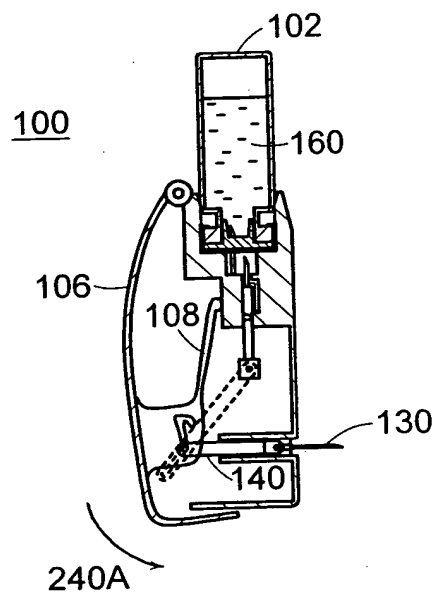


Figure 3B

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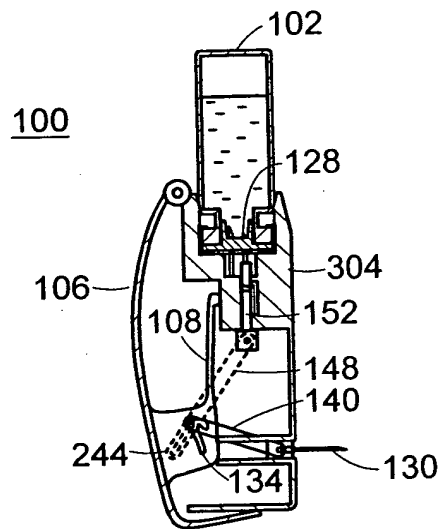


Figure 3C

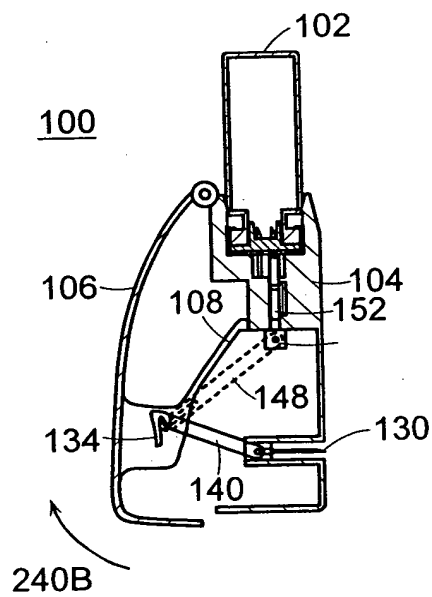


Figure 3D

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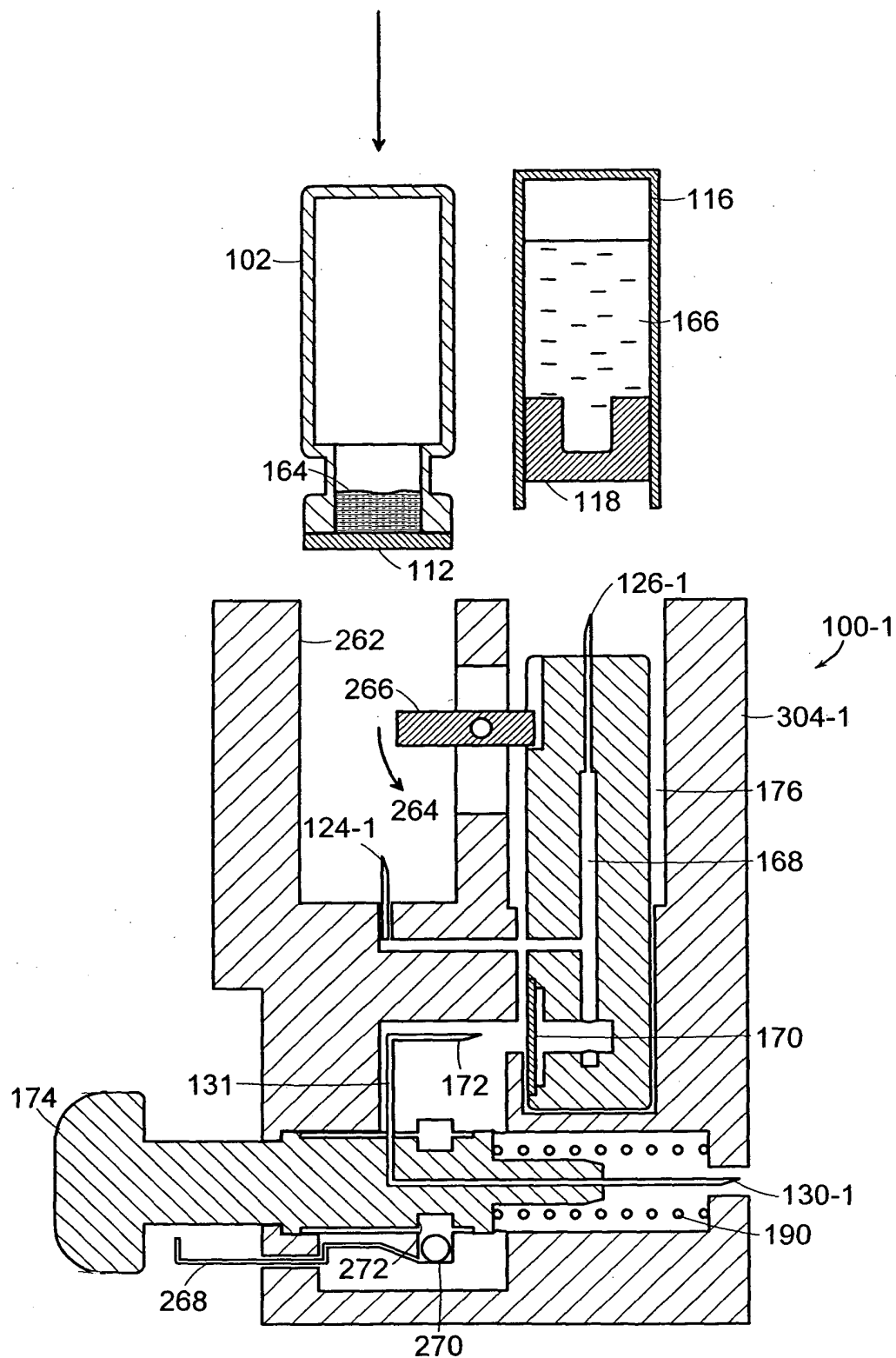


Figure 4A

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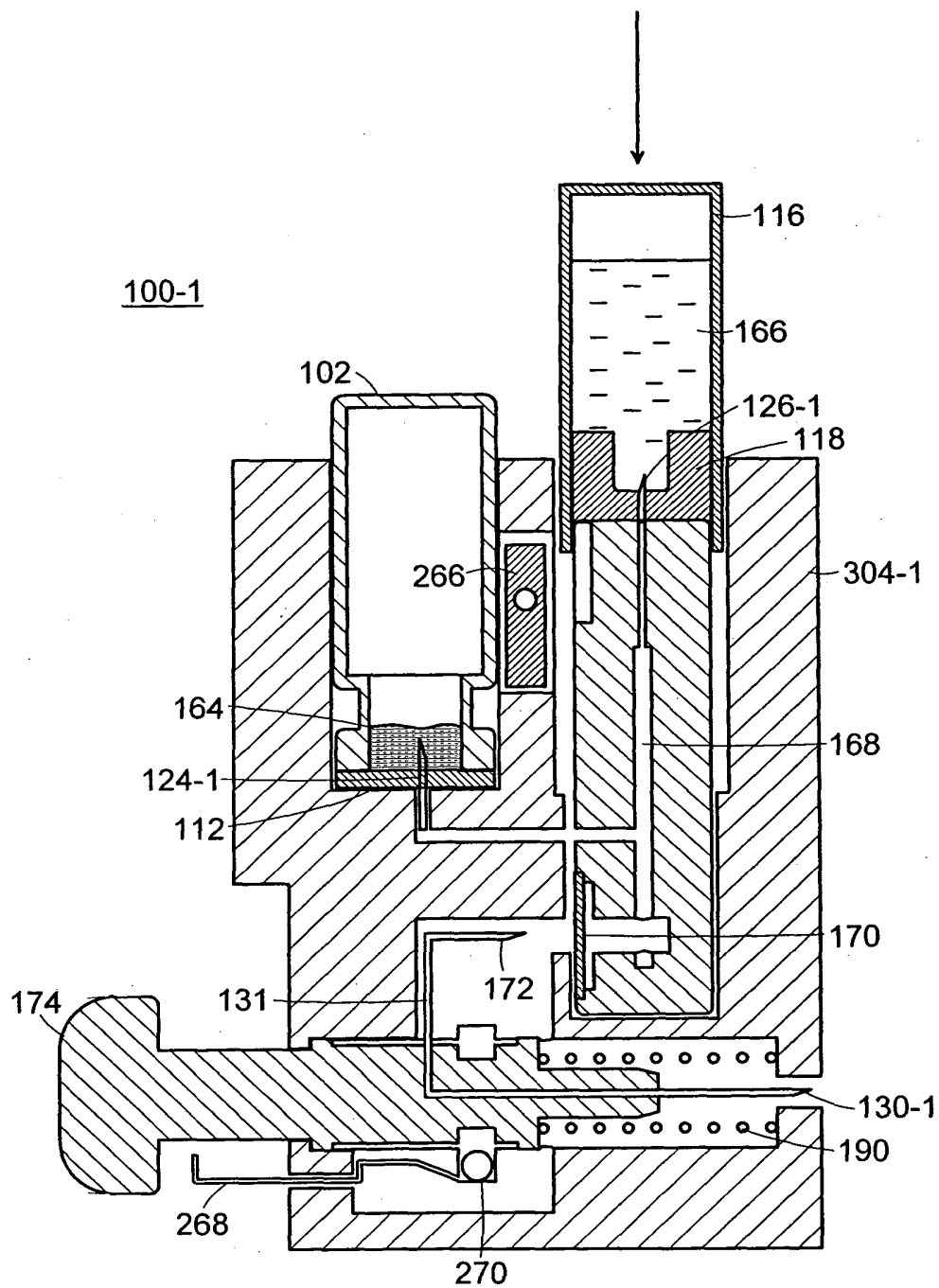


Figure 4B

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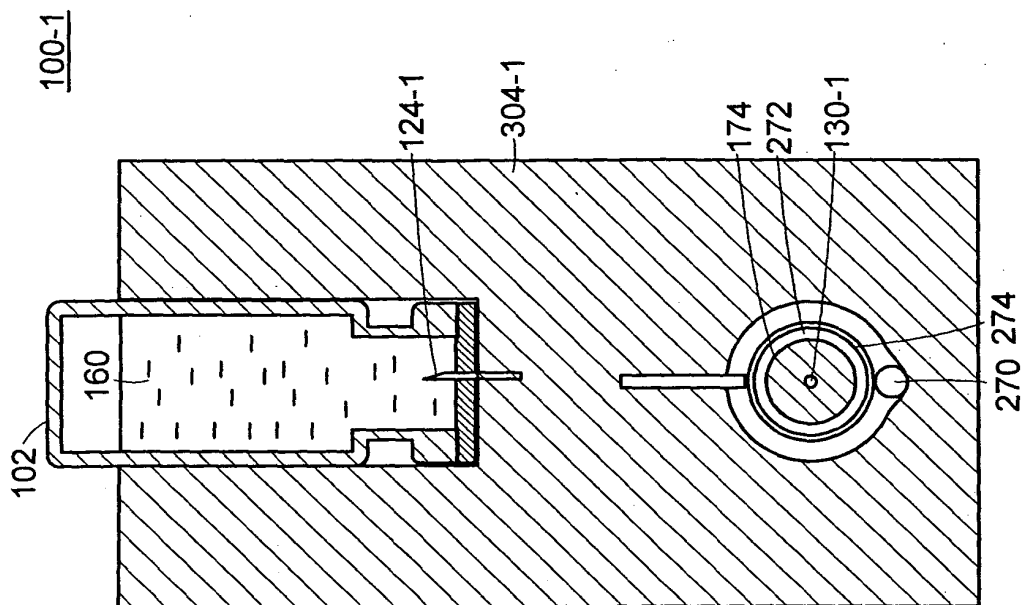


Figure 4D

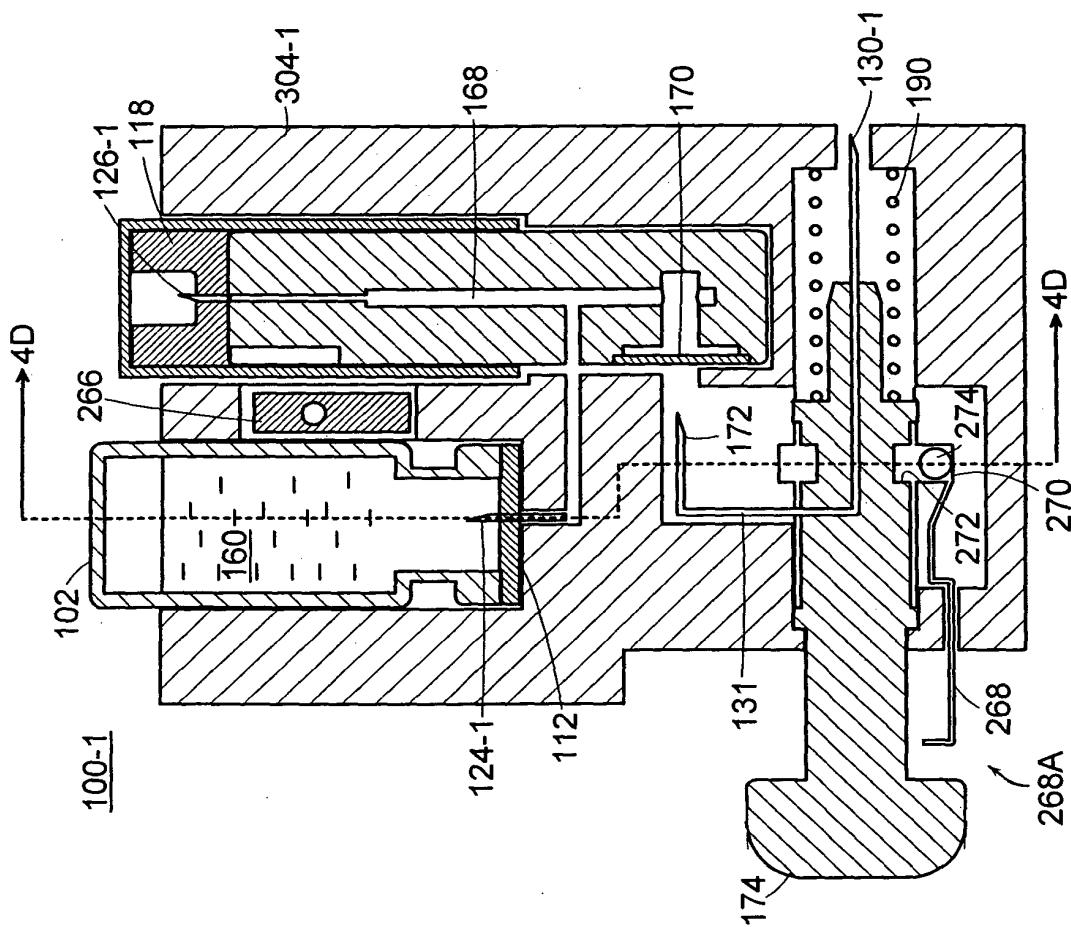


Figure 4C

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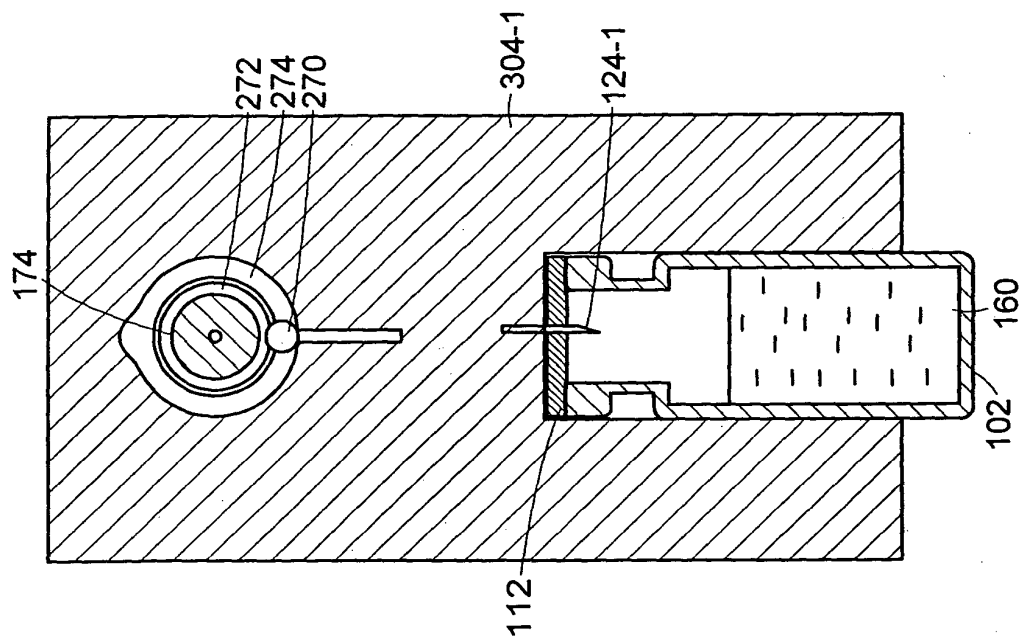


Figure 4F

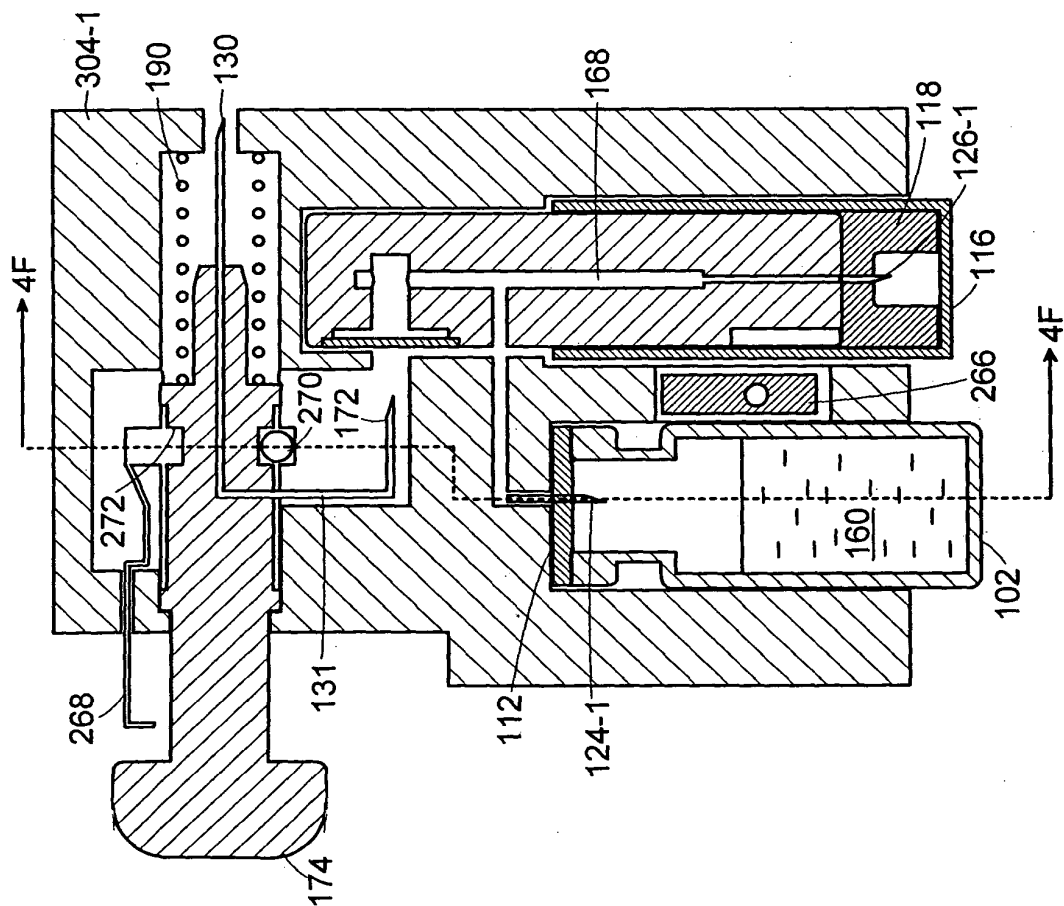


Figure 4E

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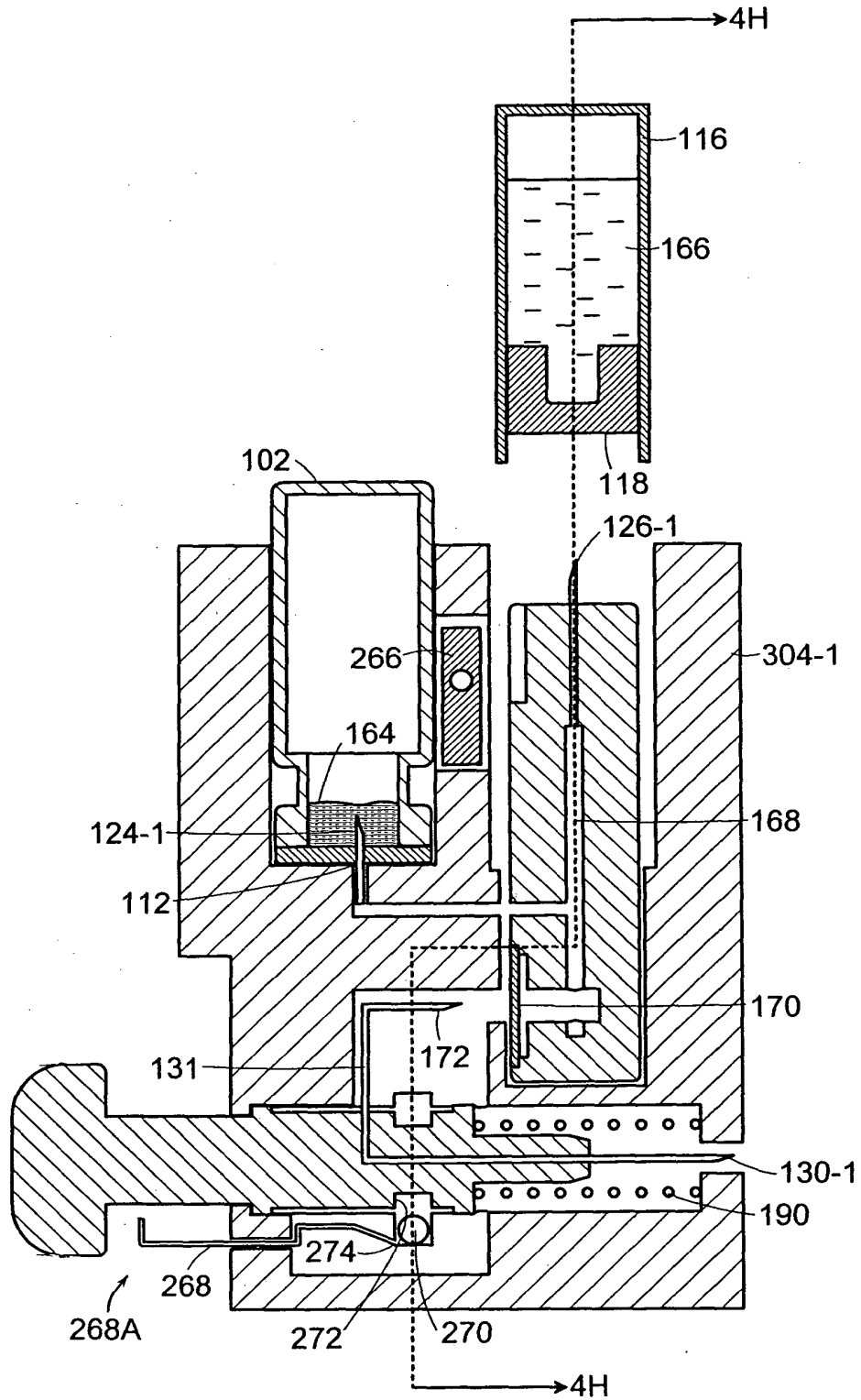


Figure 4G

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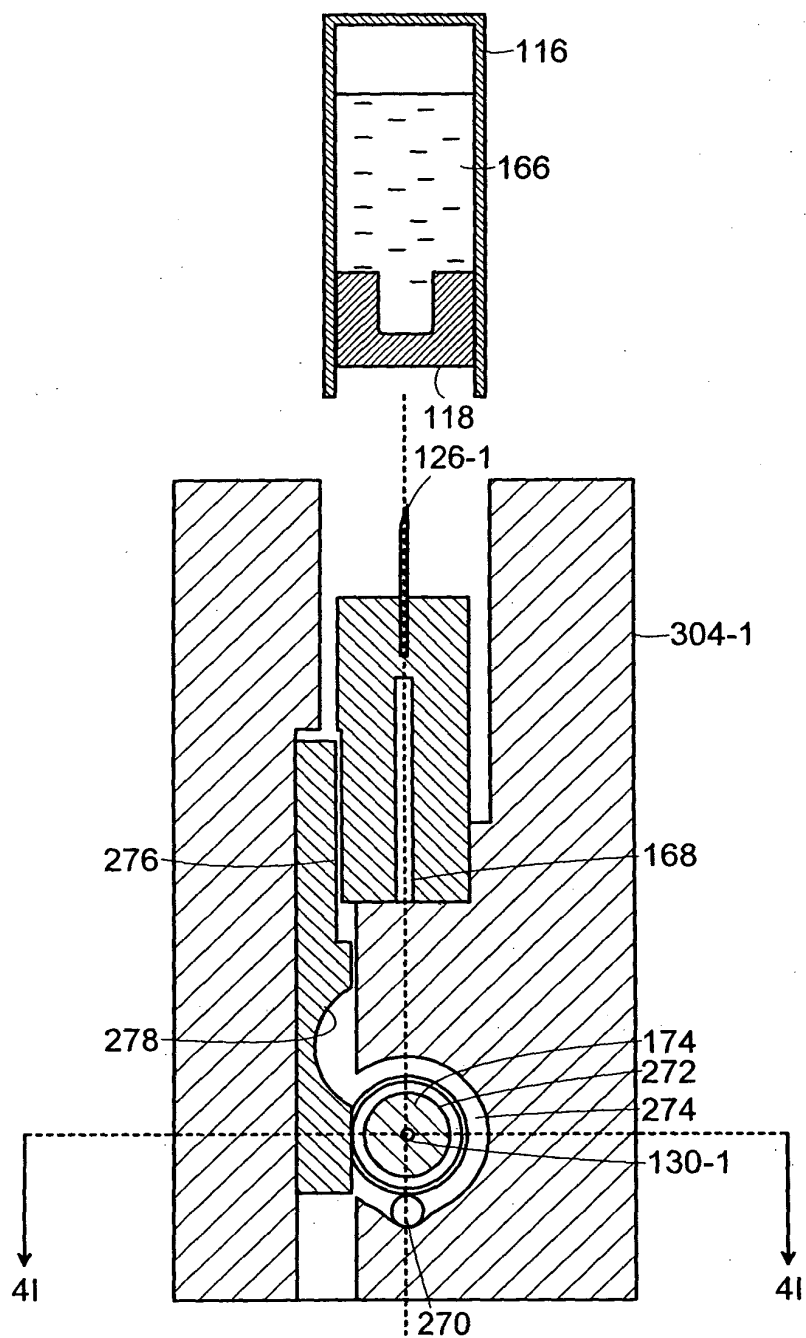


Figure 4H

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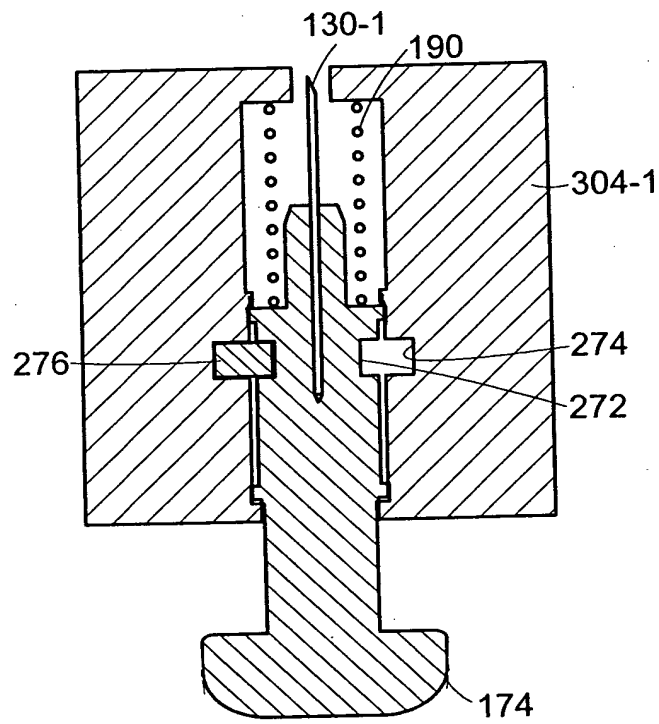


Figure 4I

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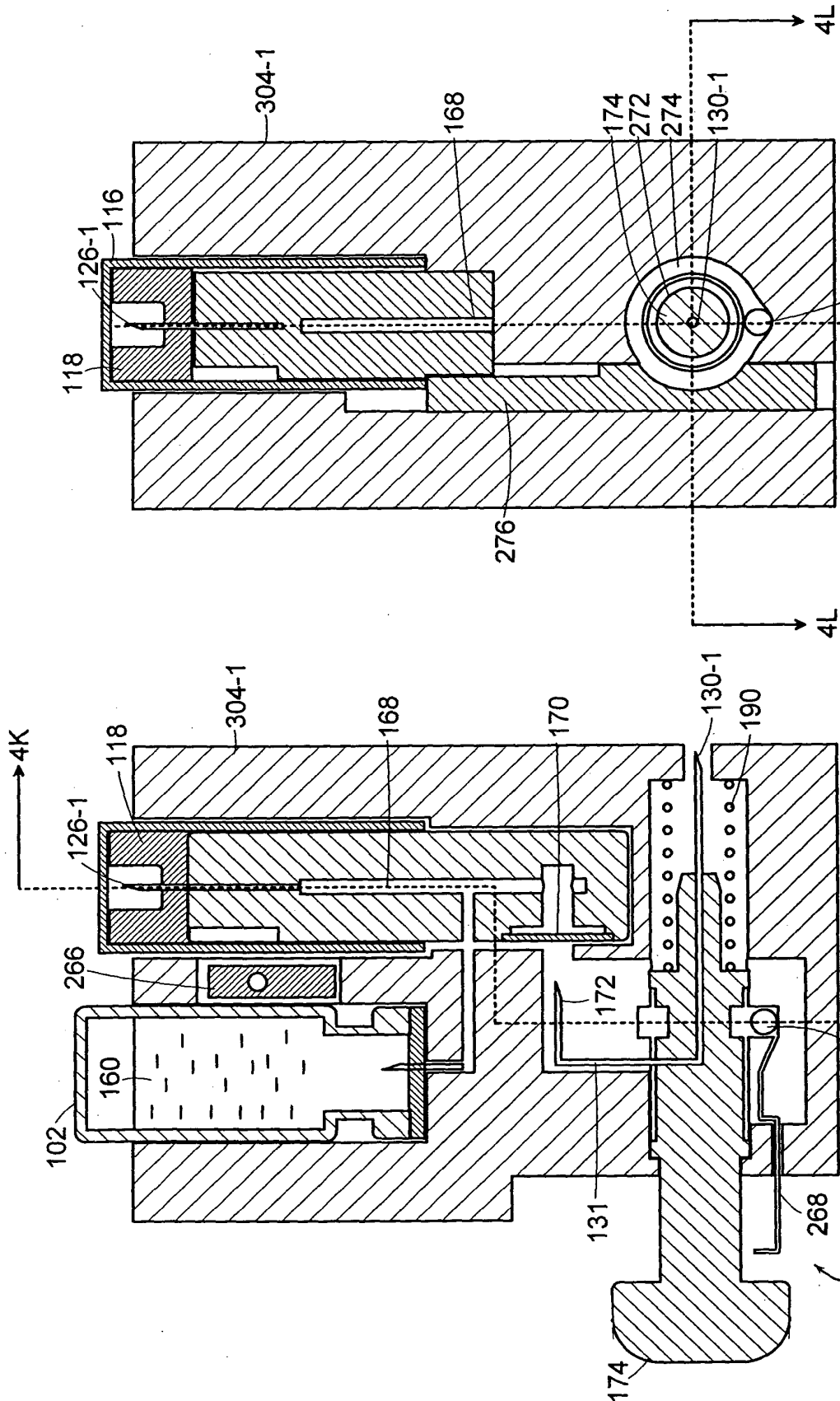


Figure 4K

Figure 4J

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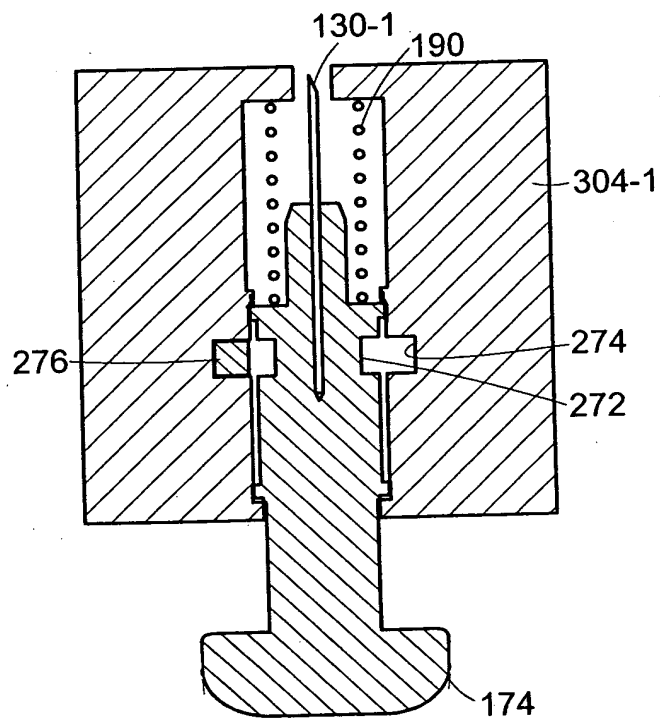


Figure 4L

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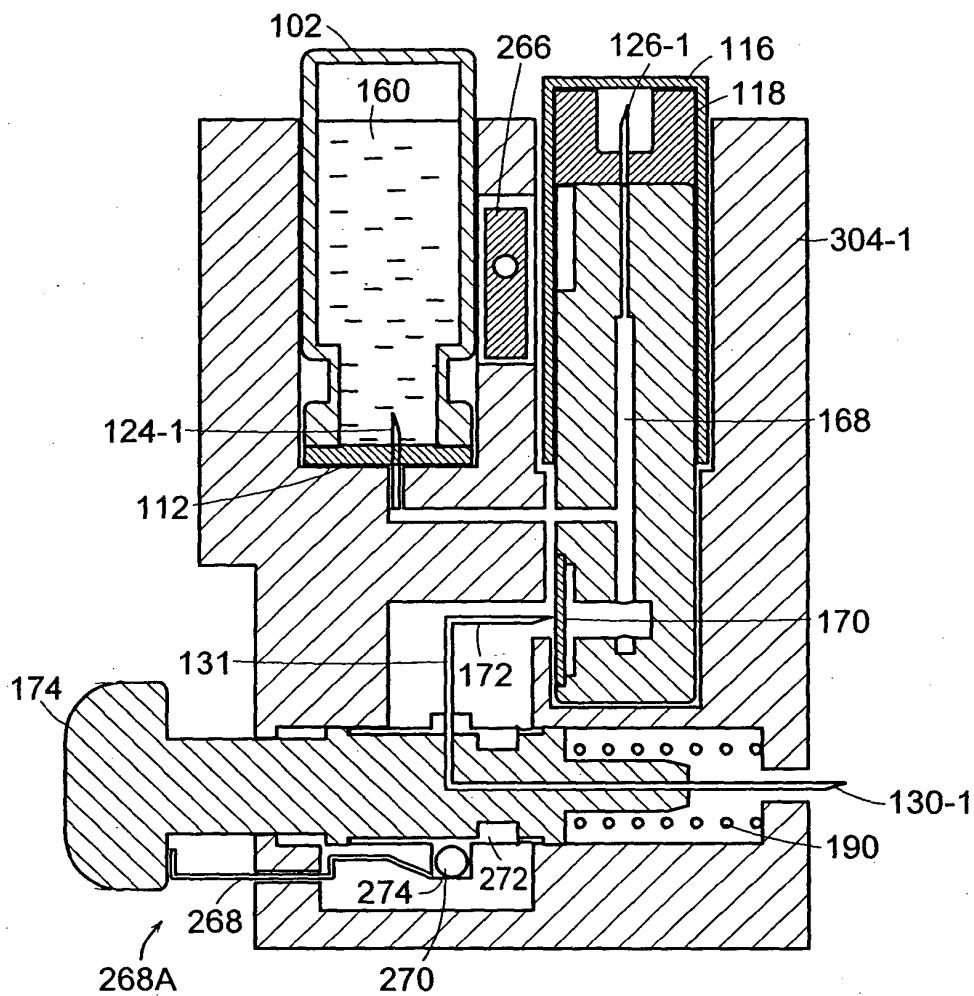


Figure 4M

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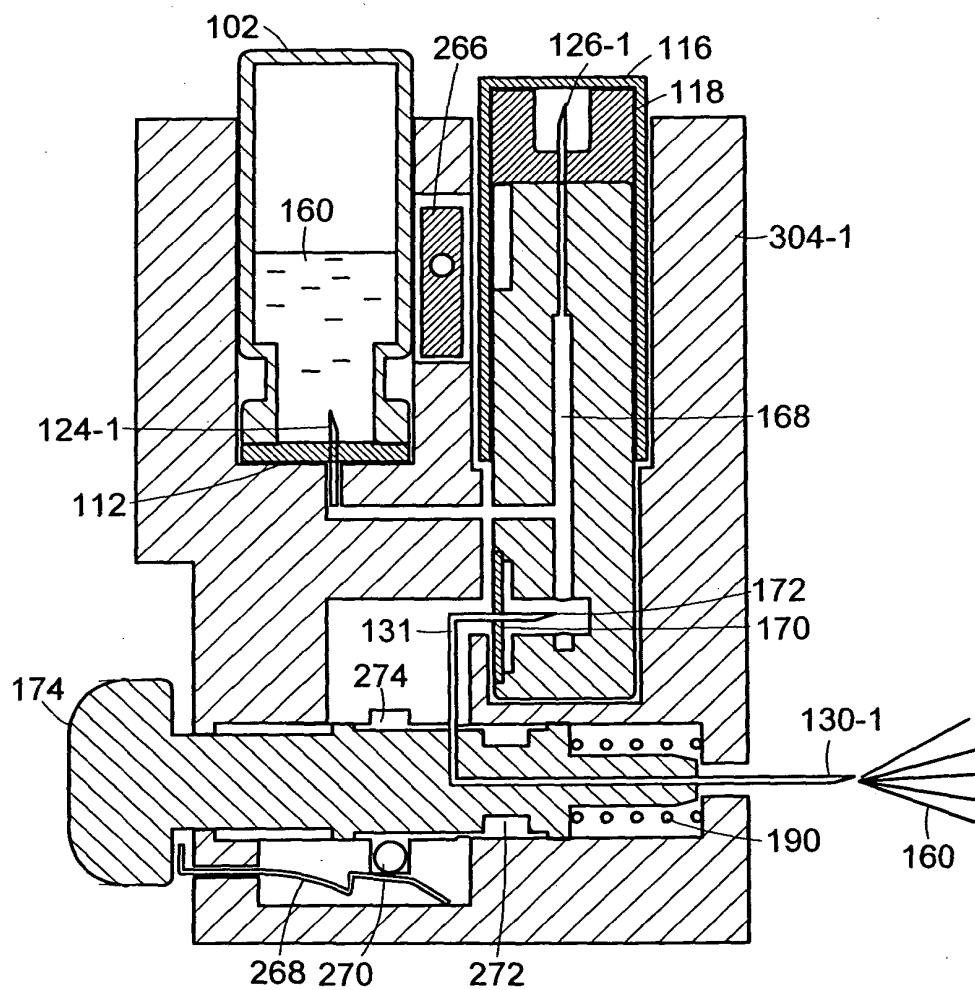


Figure 4N

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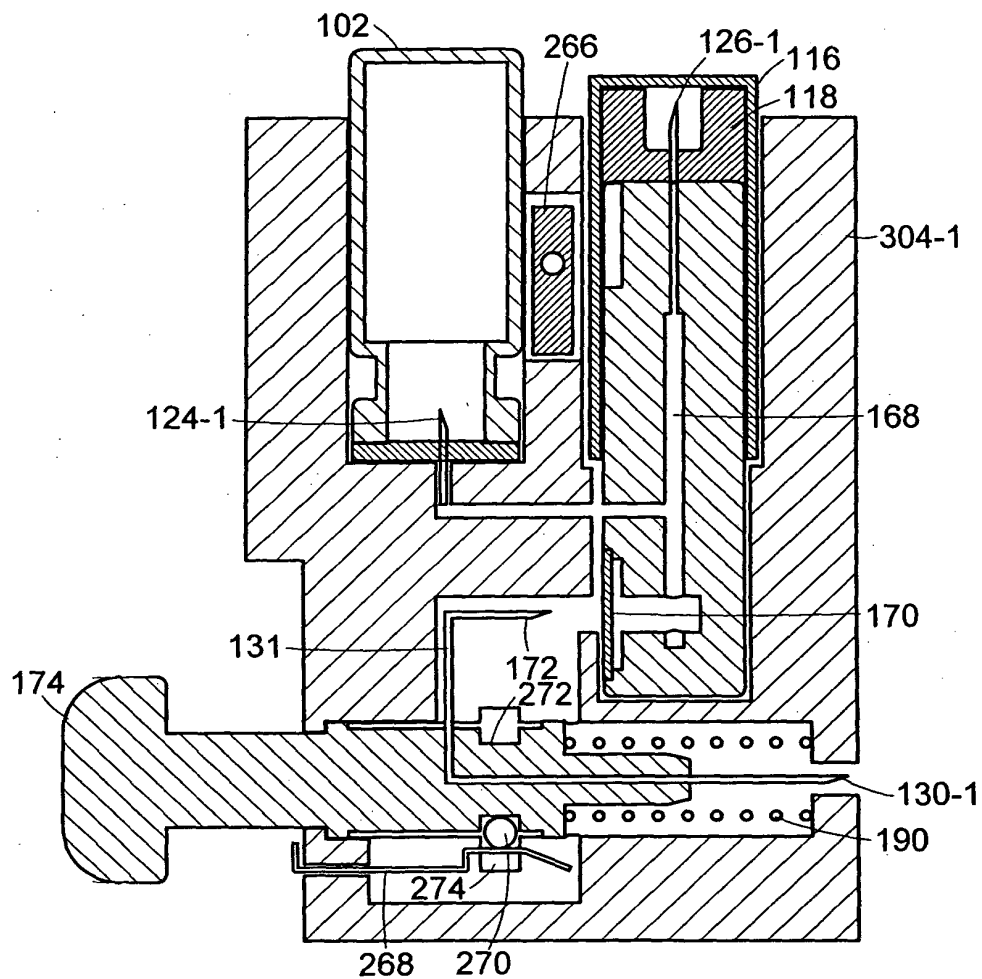


Figure 40

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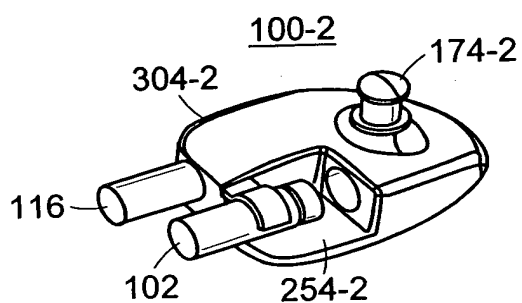


Figure 5A

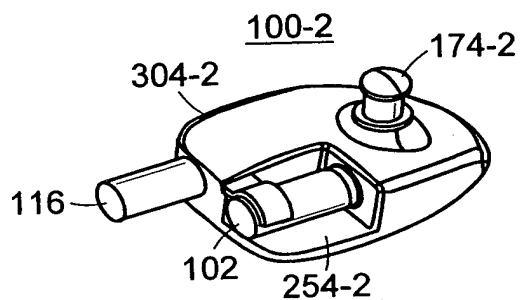


Figure 5B

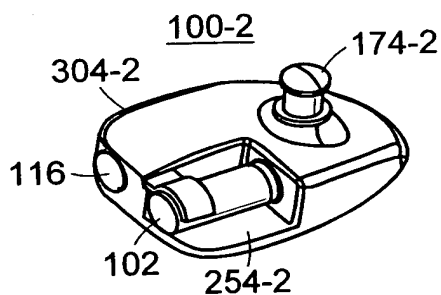


Figure 5C

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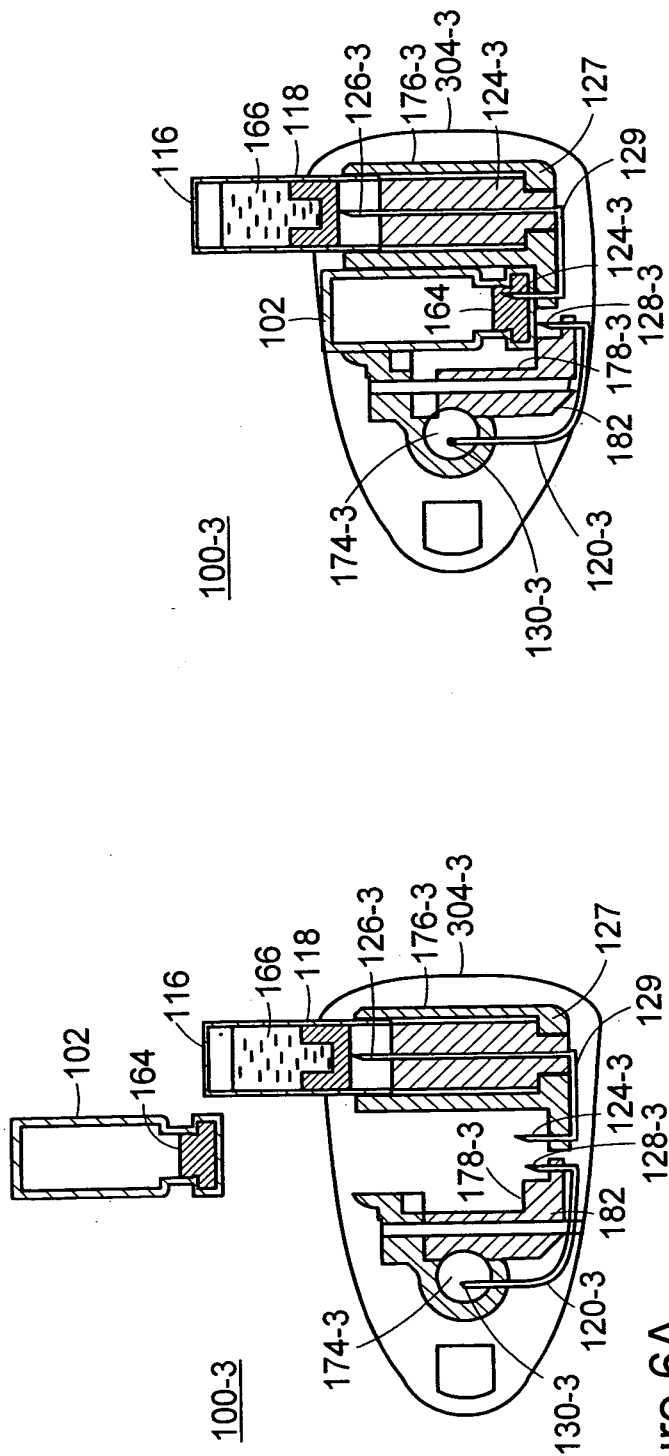


Figure 6A

Figure 6B

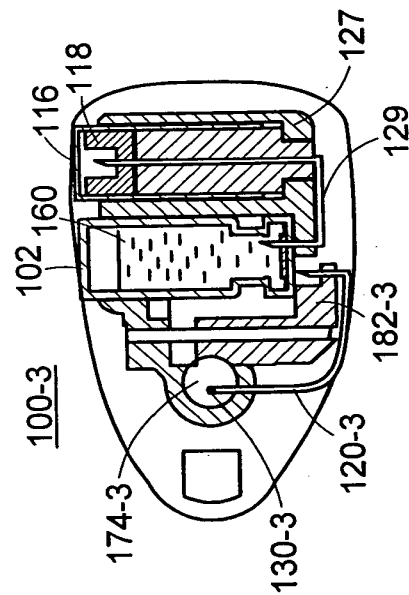


Figure 6C

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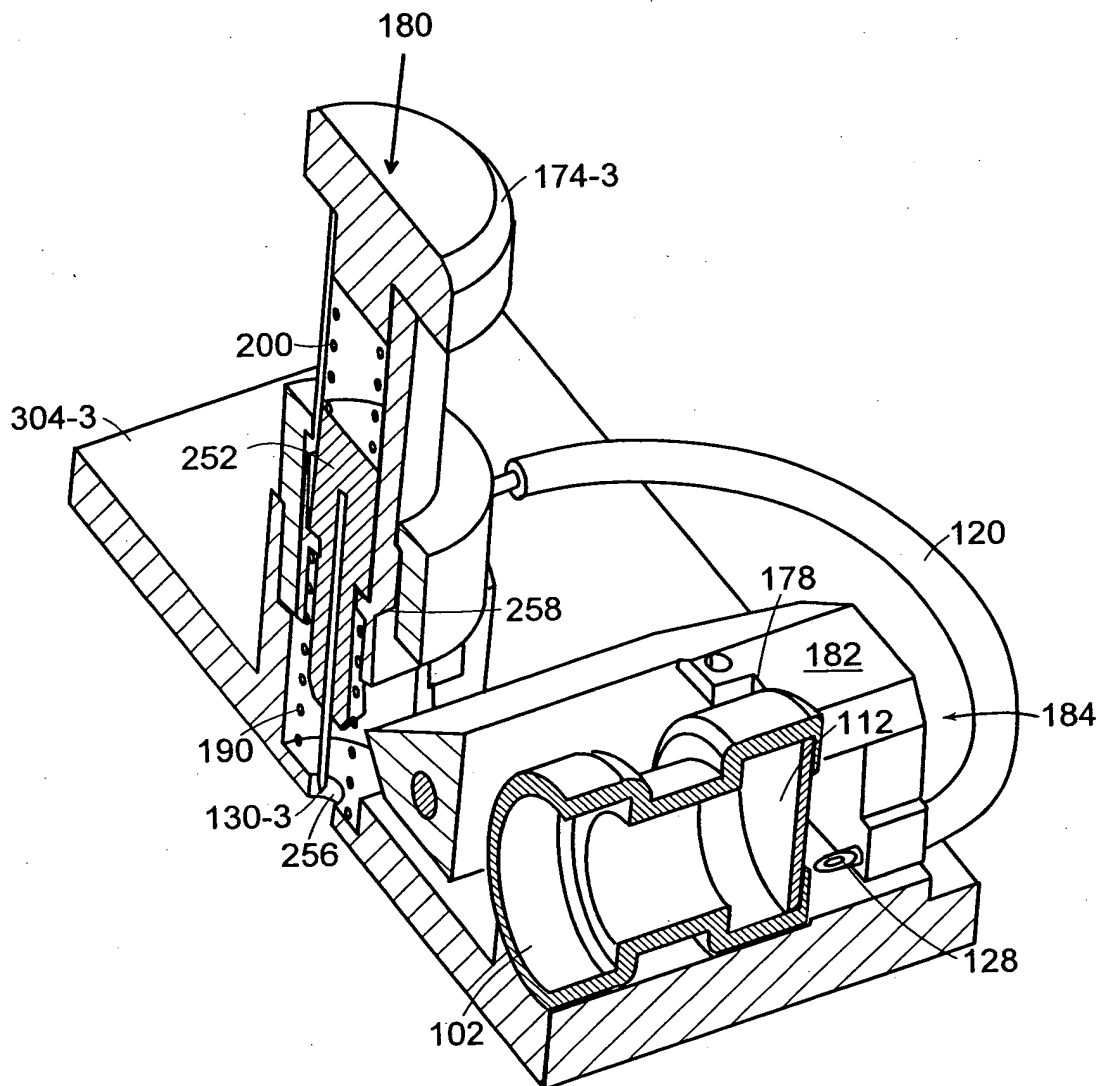


Figure 7A

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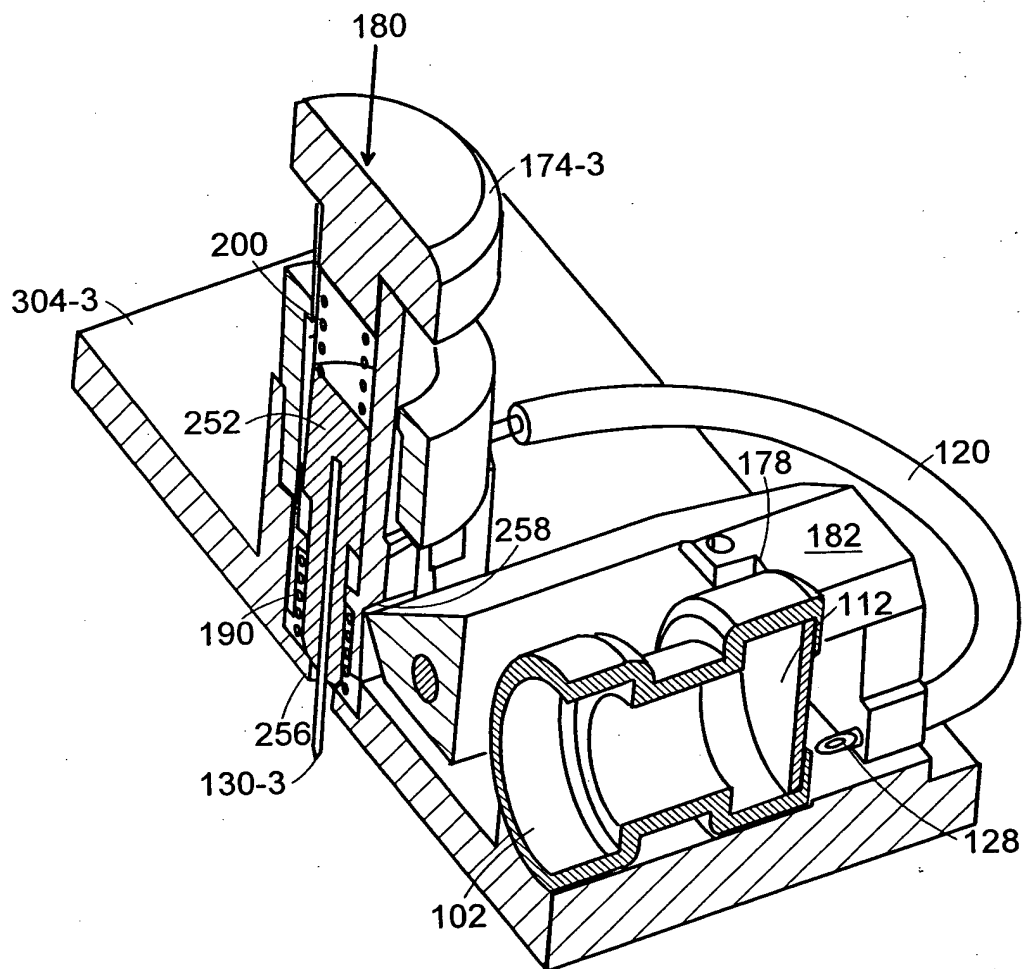


Figure 7B

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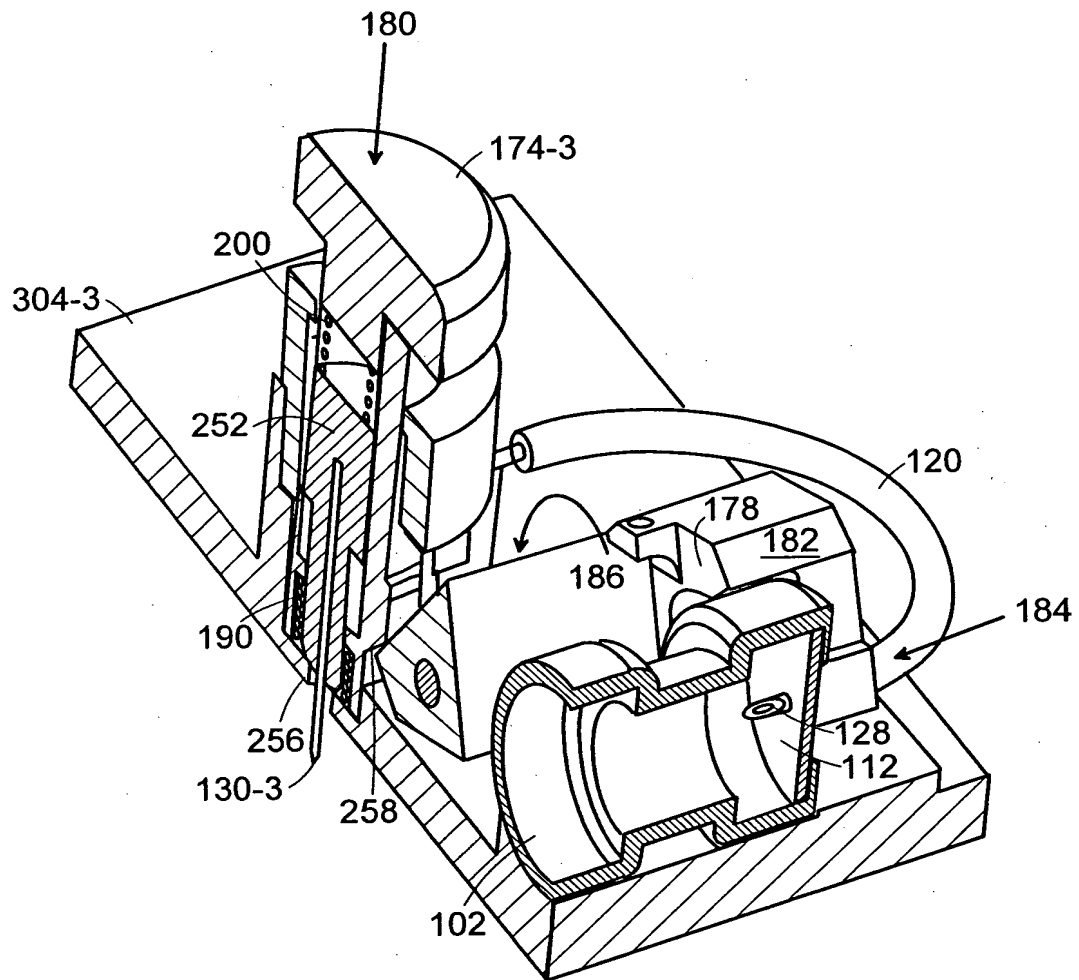


Figure 7C

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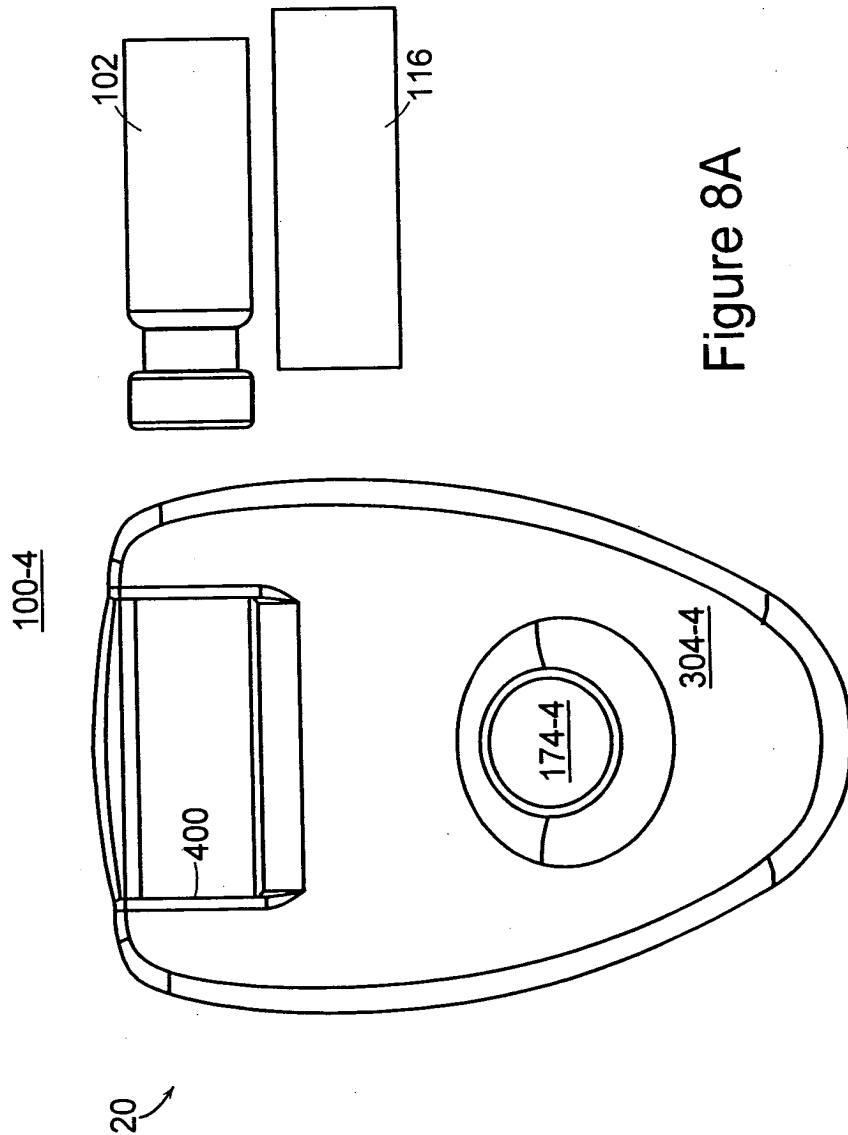


Figure 8A

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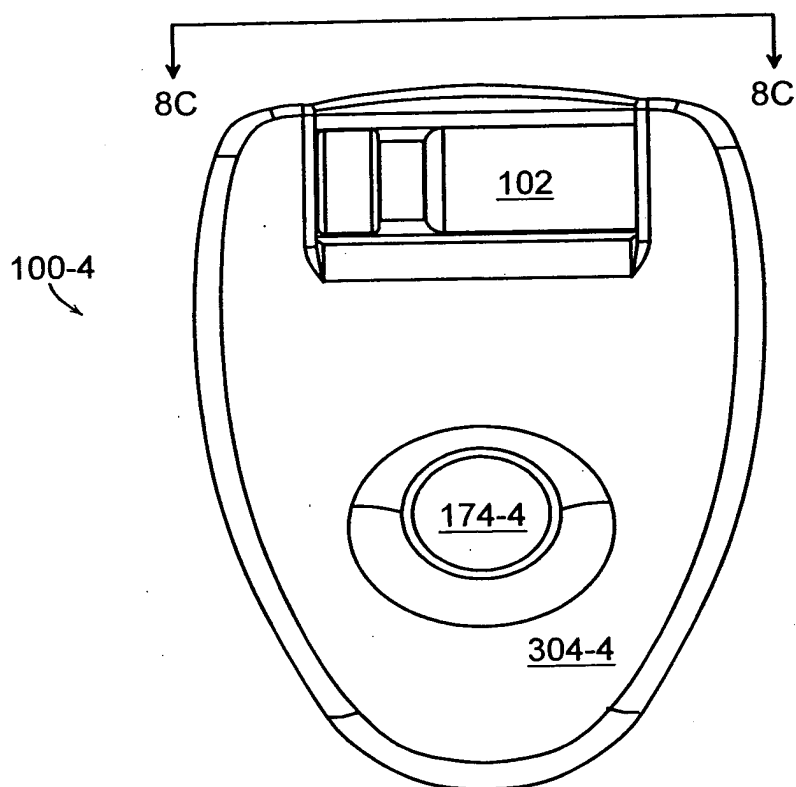


Figure 8B

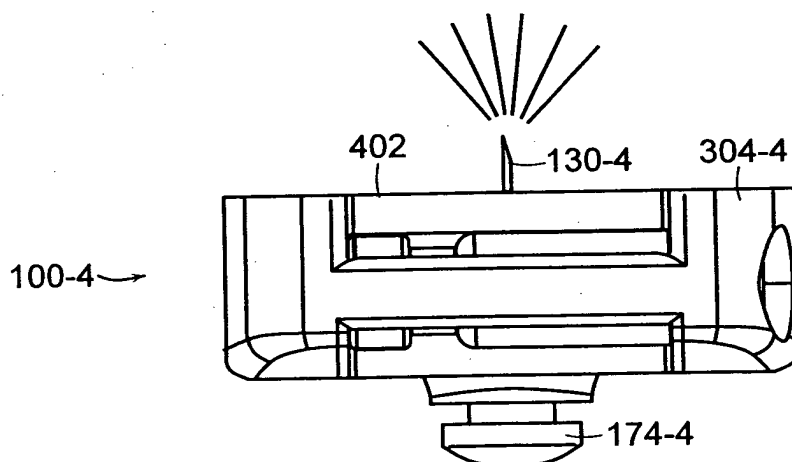


Figure 8C

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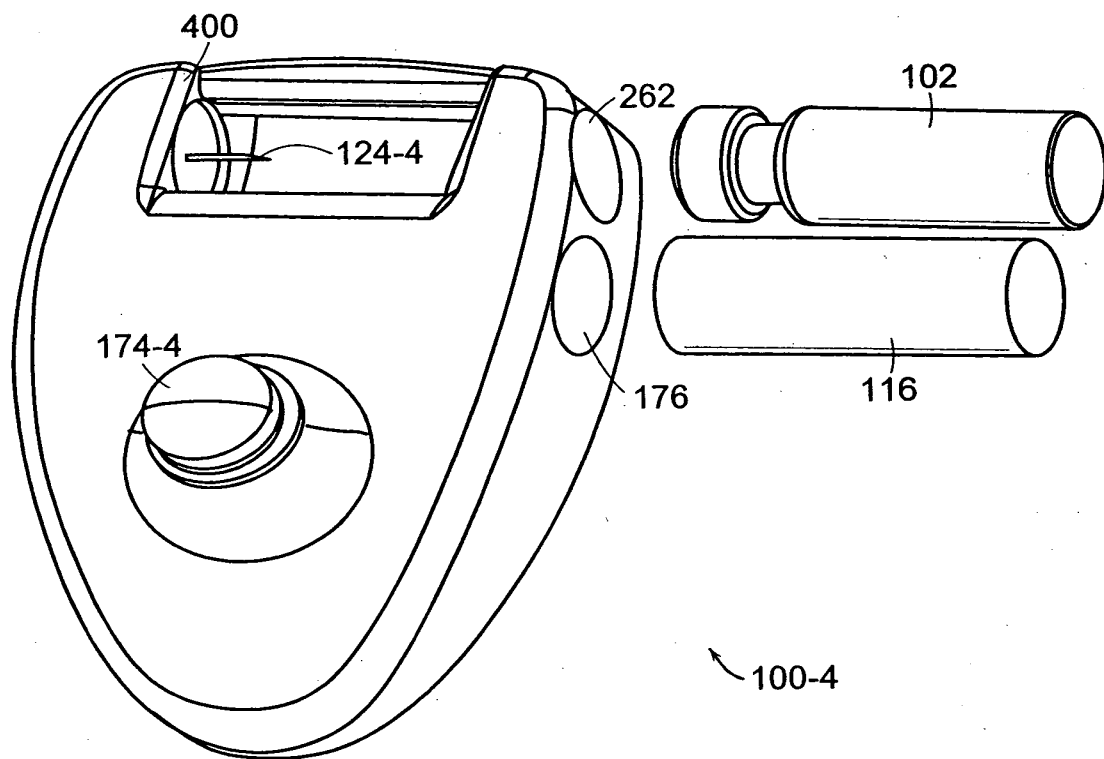


Figure 8D

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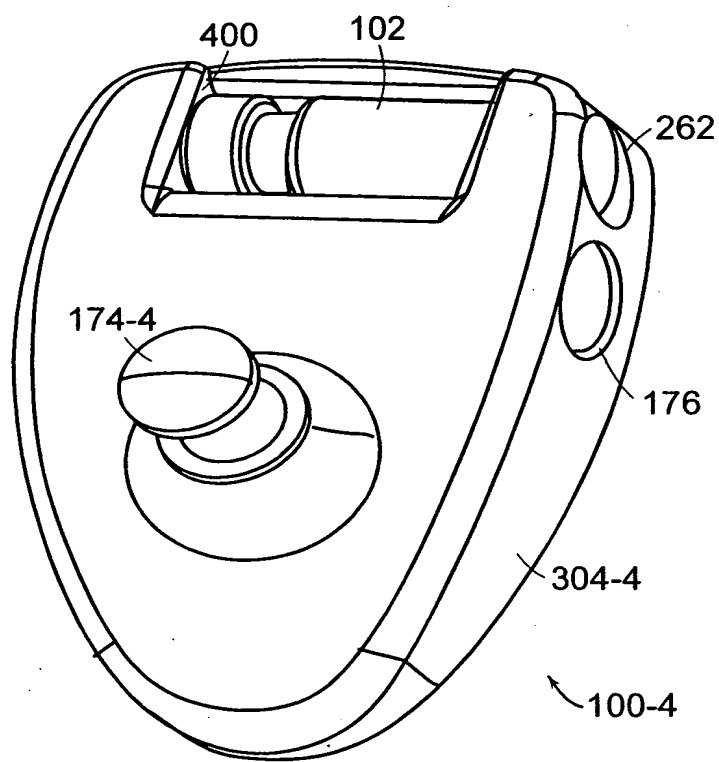


Figure 8E

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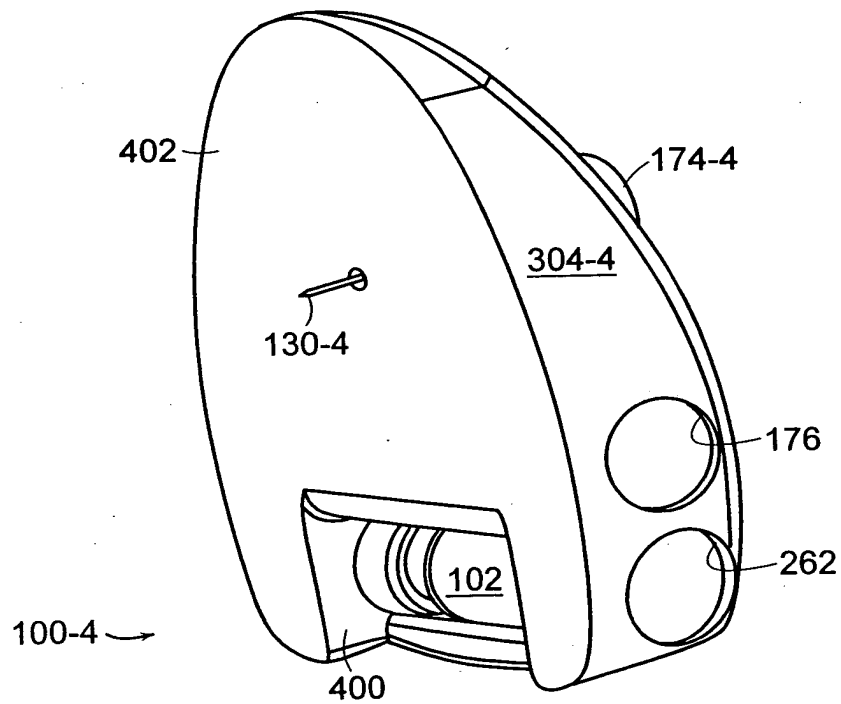


Figure 8F

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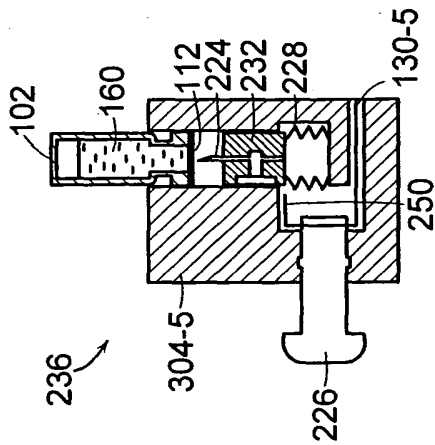


Figure 9A

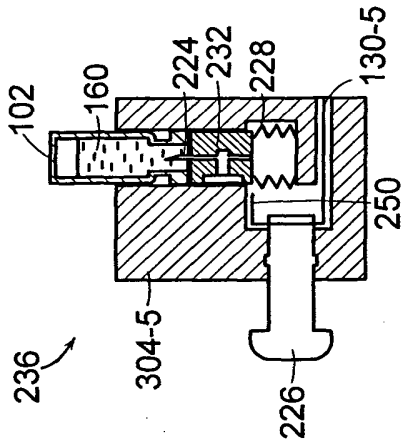


Figure 9B

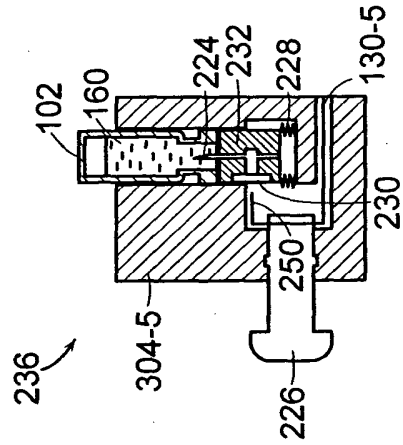


Figure 9C

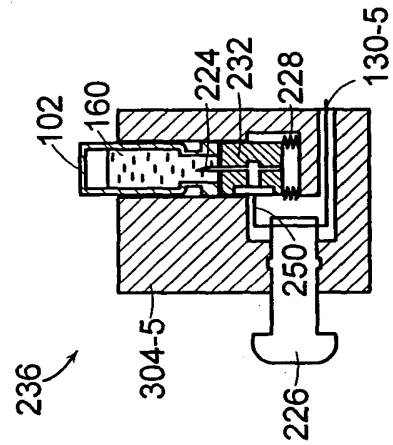


Figure 9D

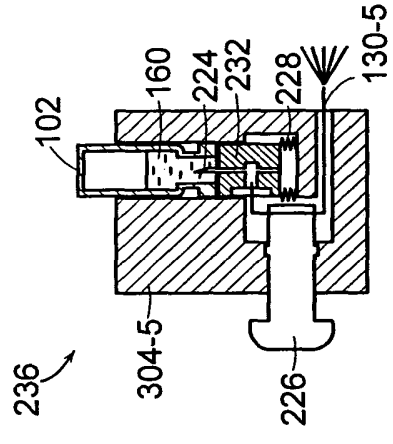


Figure 9E

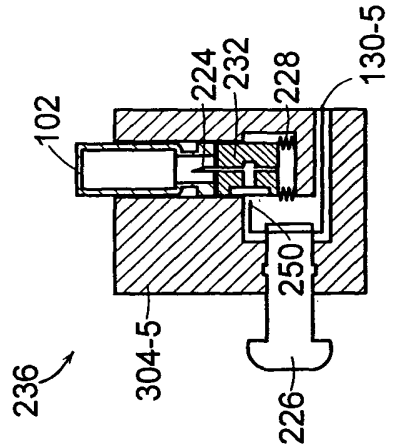


Figure 9F

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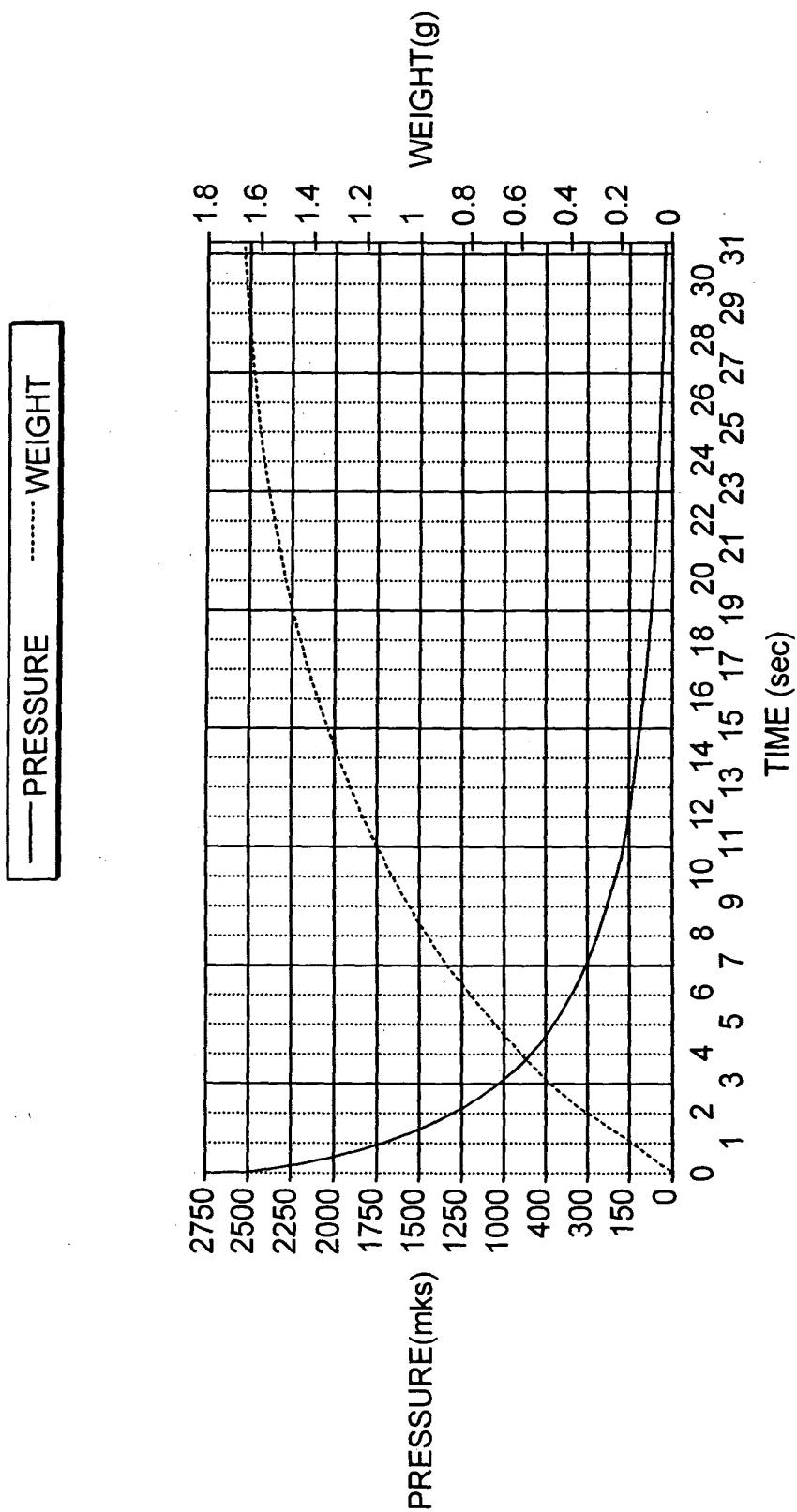


Figure 10A

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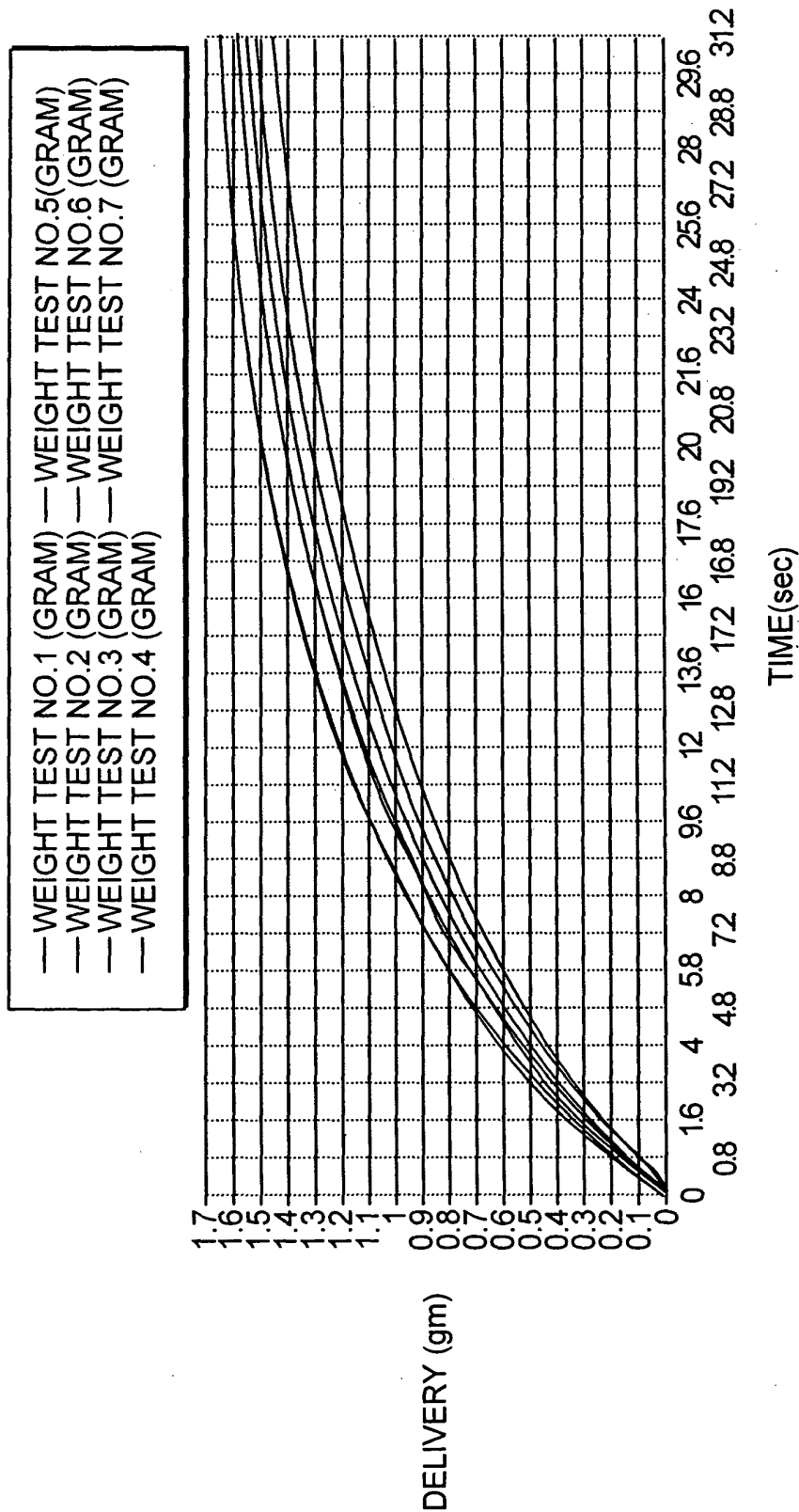


Figure 10B

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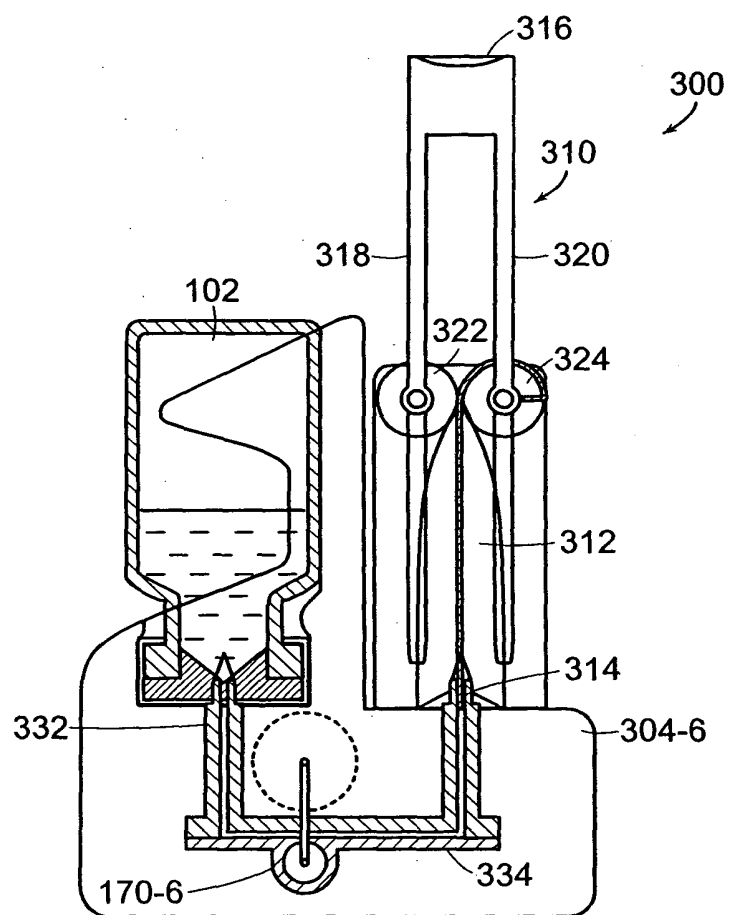


Figure 11A

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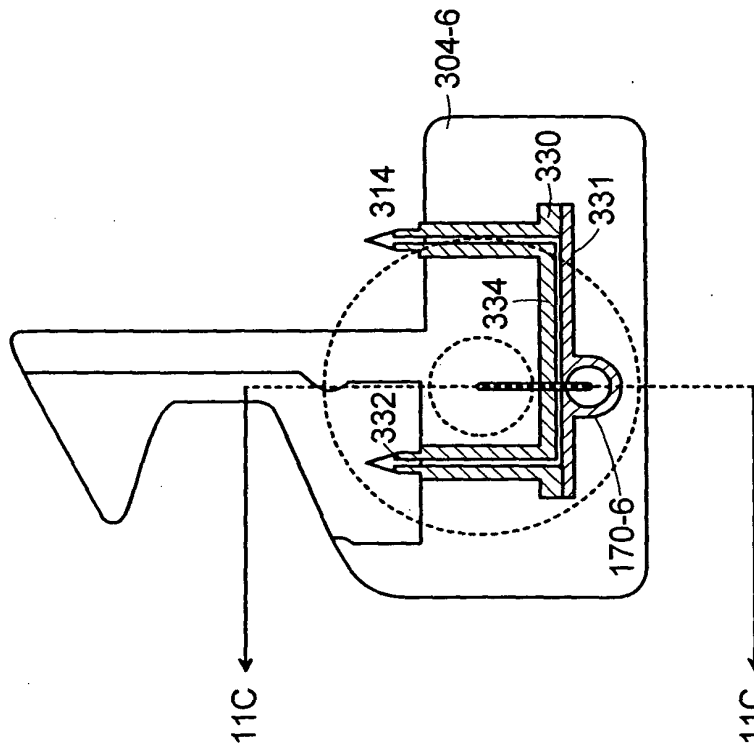


Figure 11B

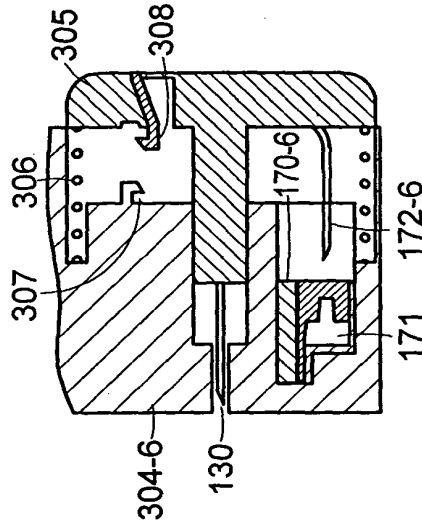


Figure 11C

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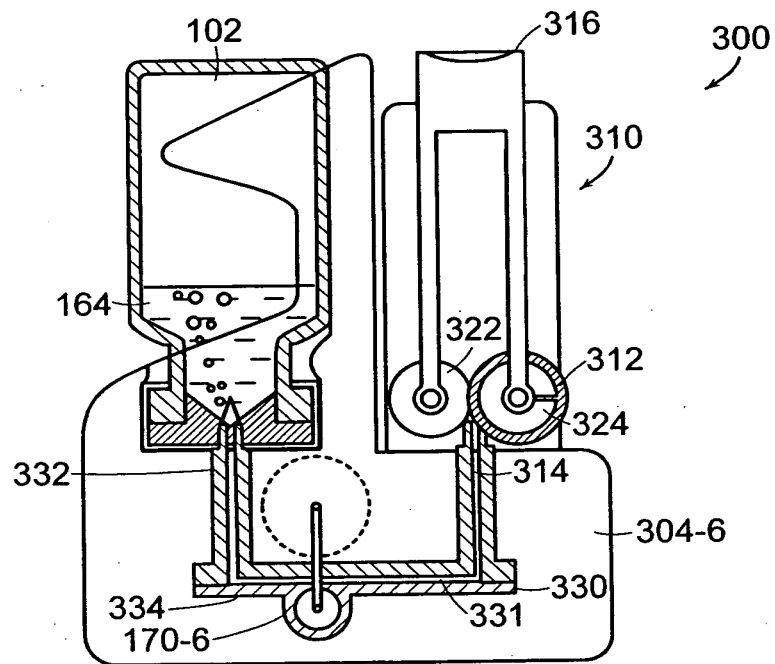


Figure 11D

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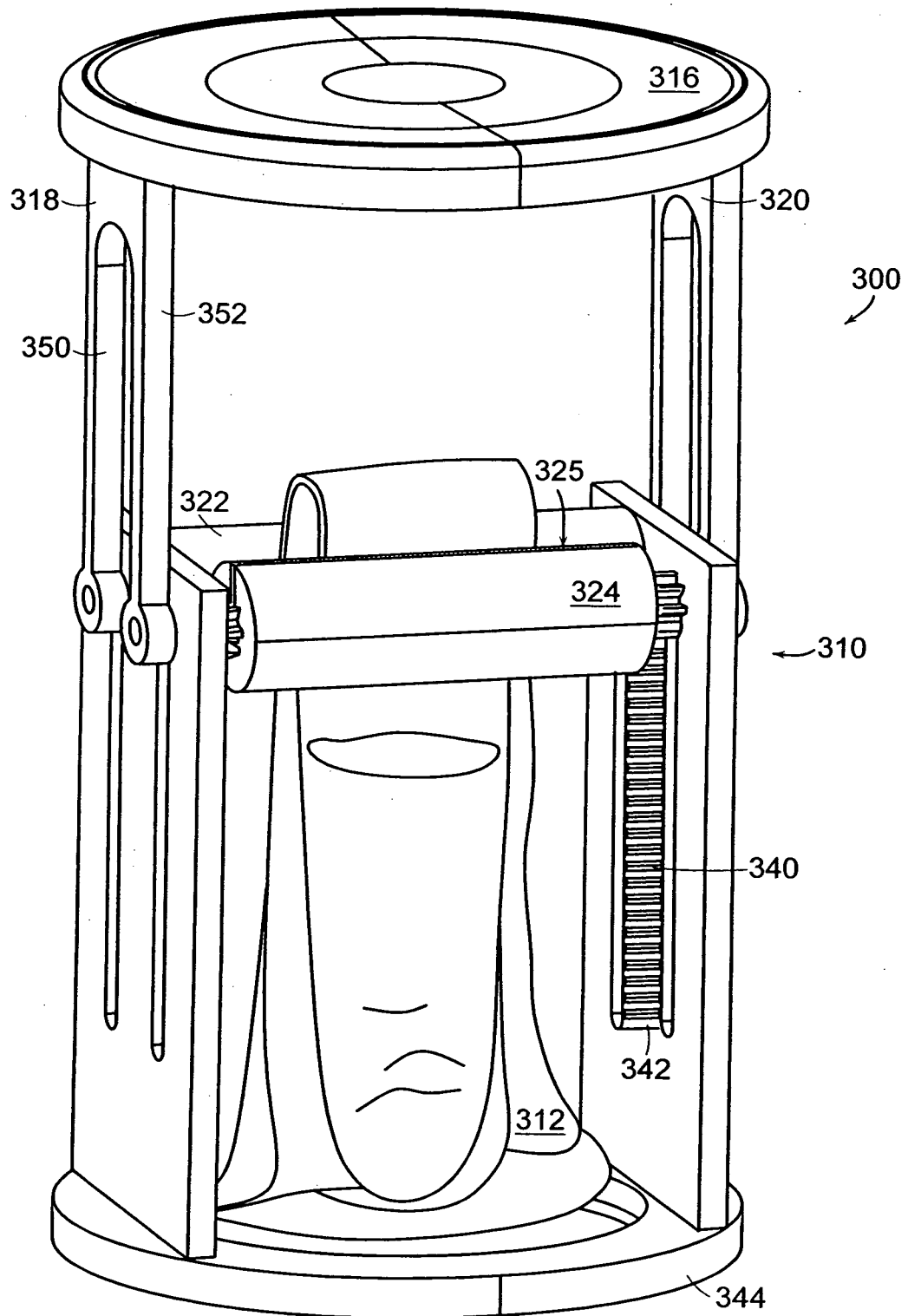


Figure 12A

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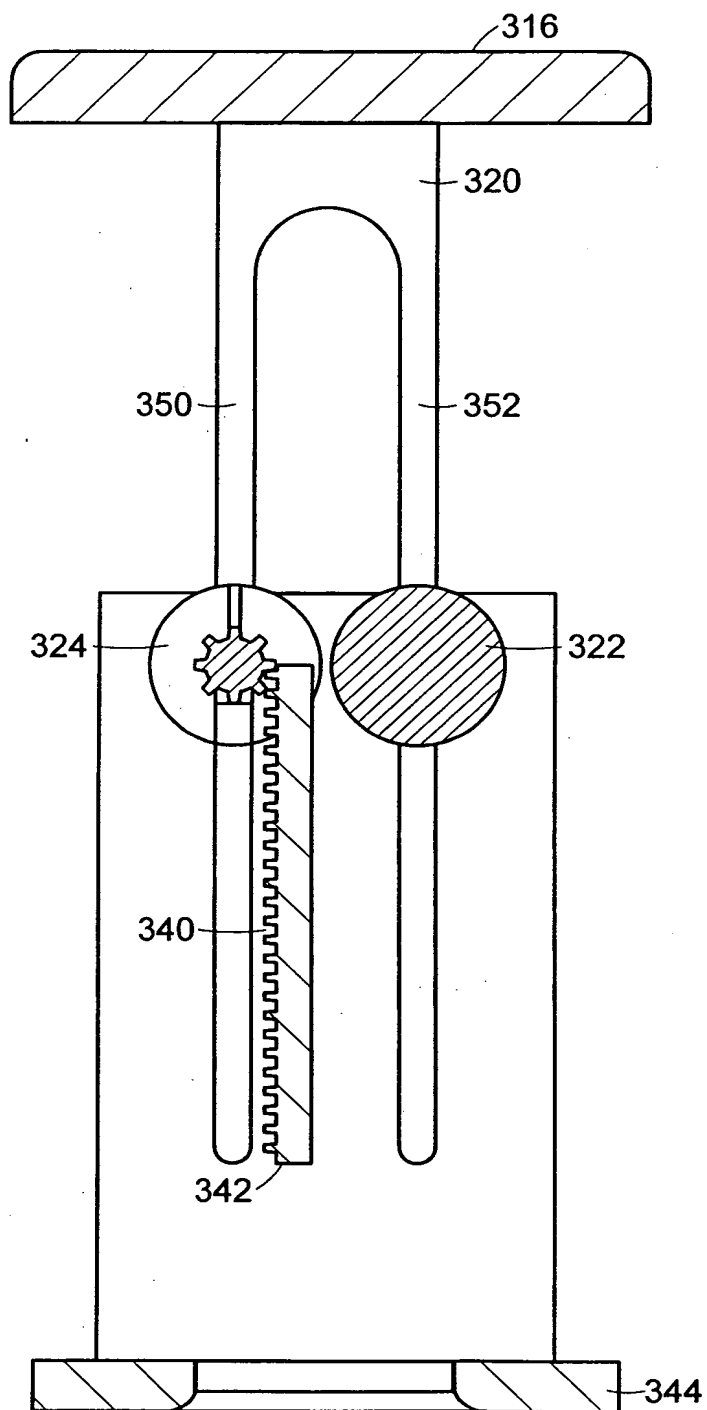


Figure 12B

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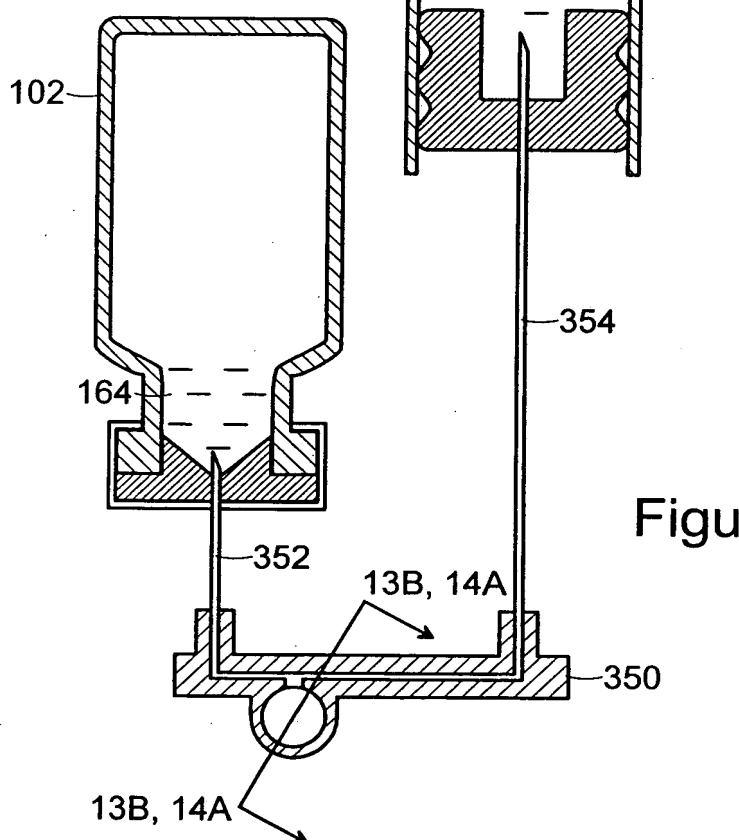


Figure 13A

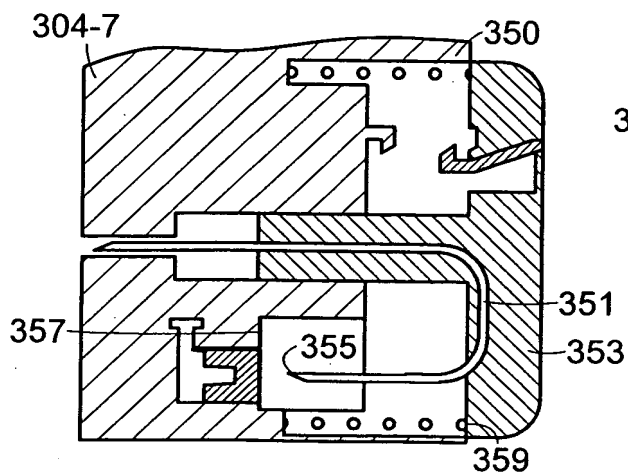


Figure 13B

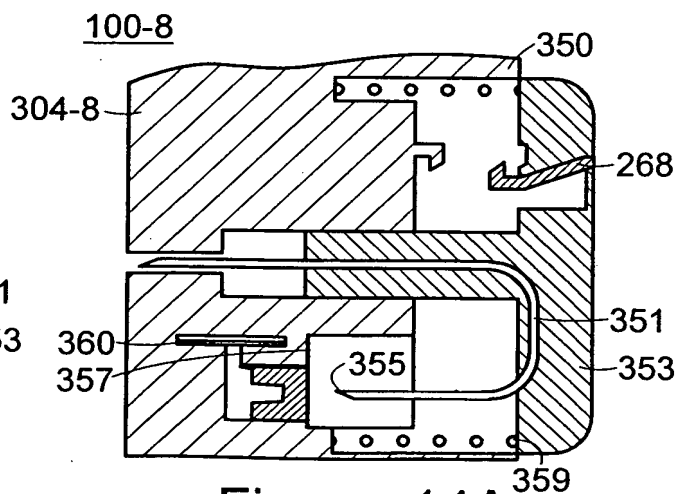
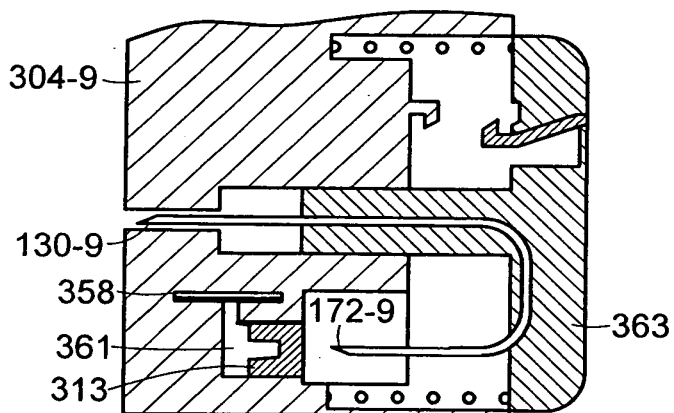
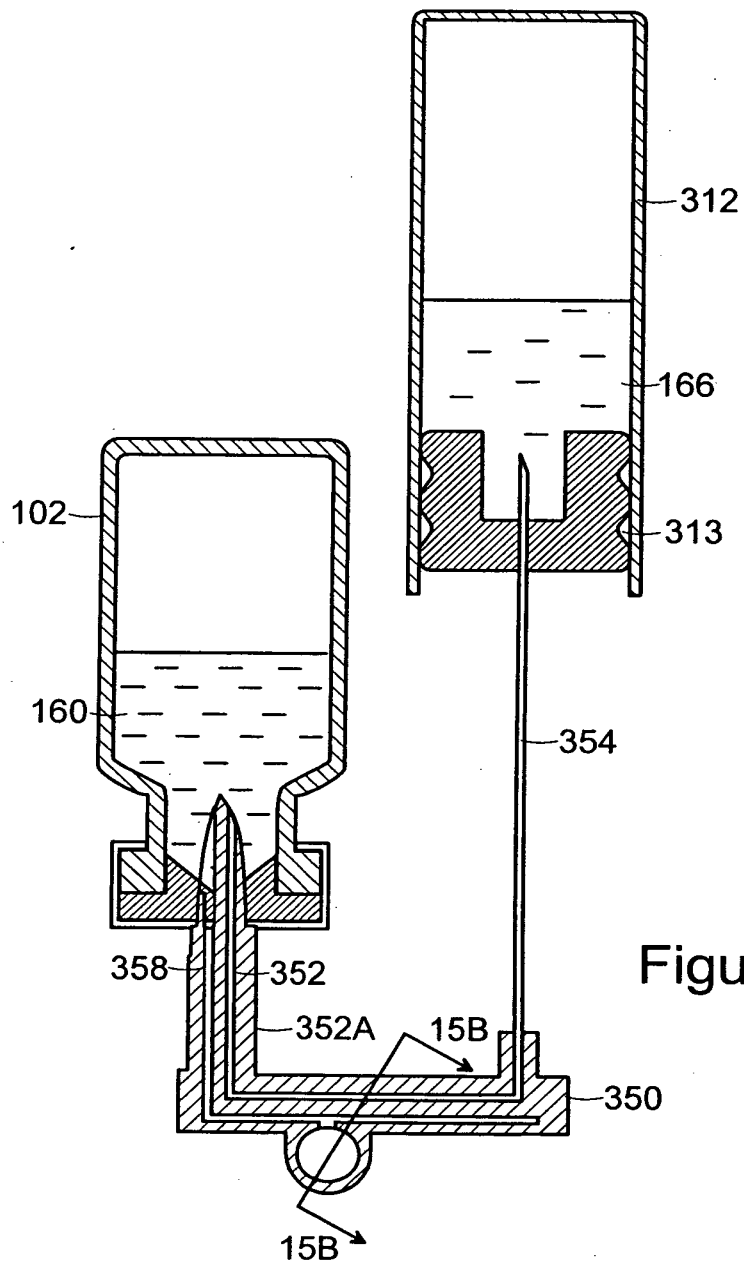


Figure 14A

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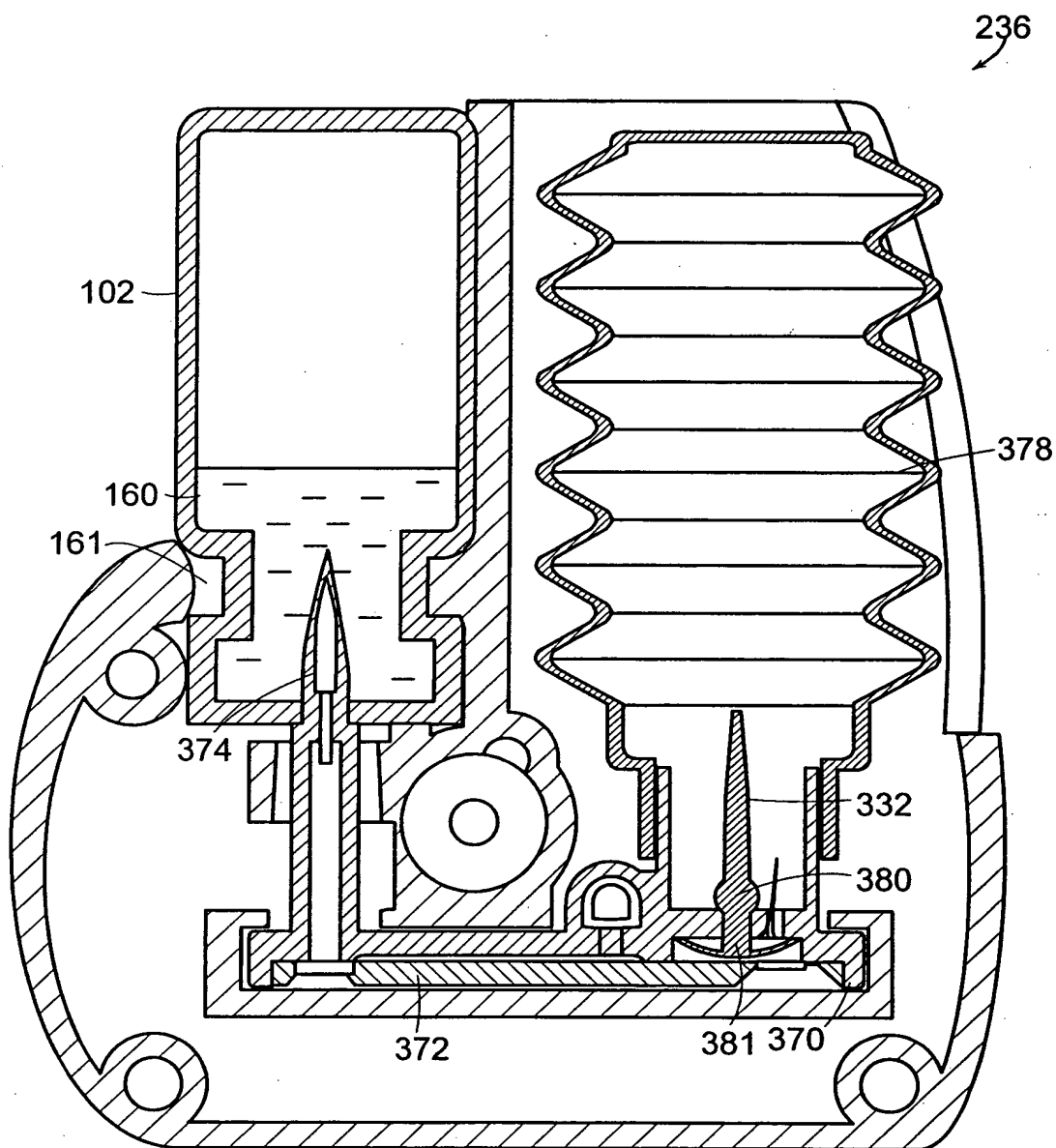


Figure 16

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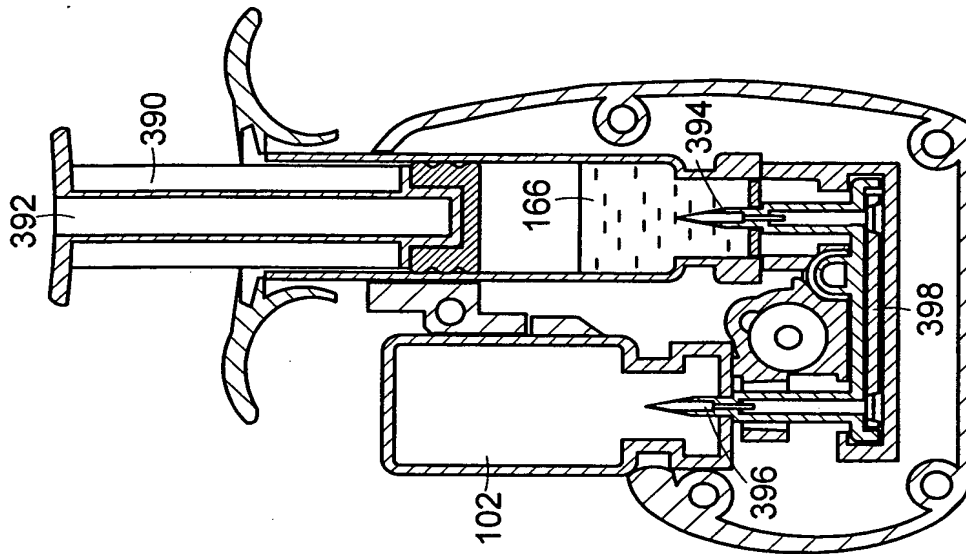


Figure 17A

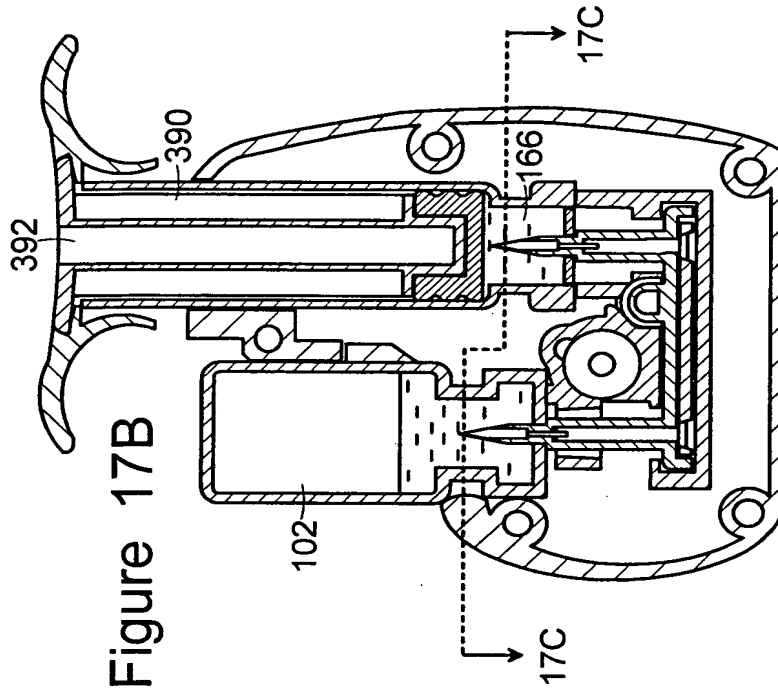


Figure 17B

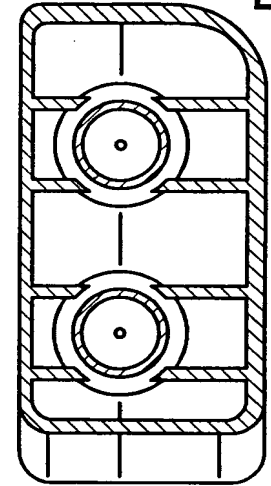
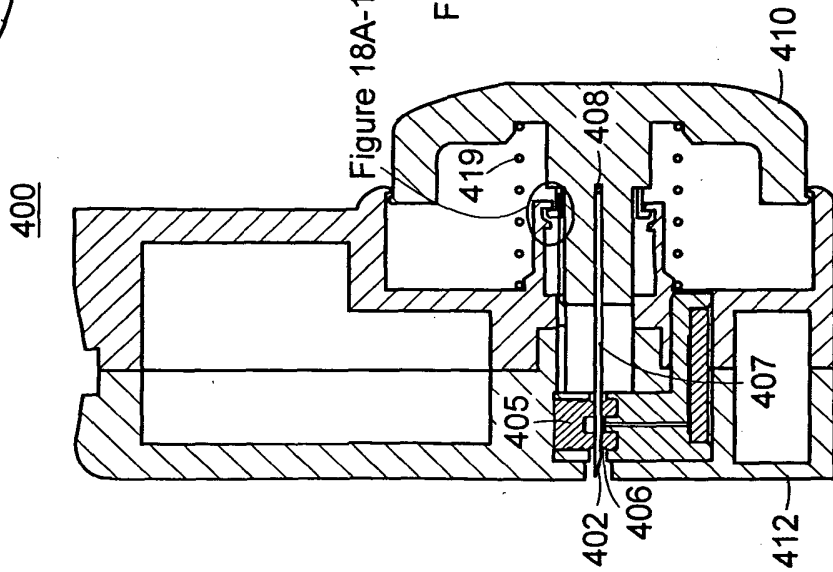
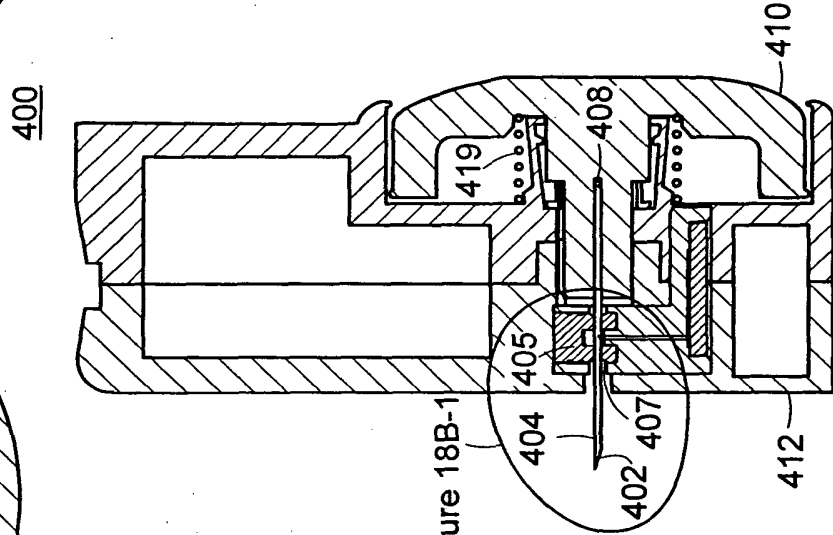
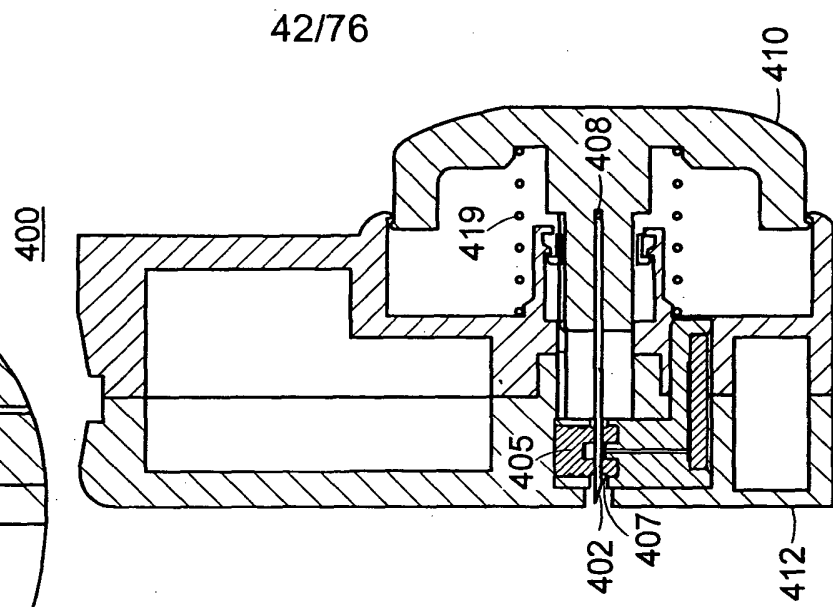
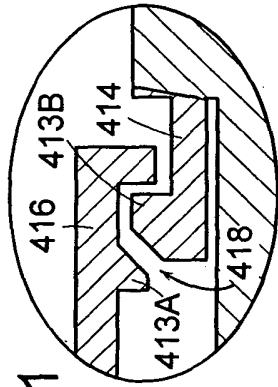
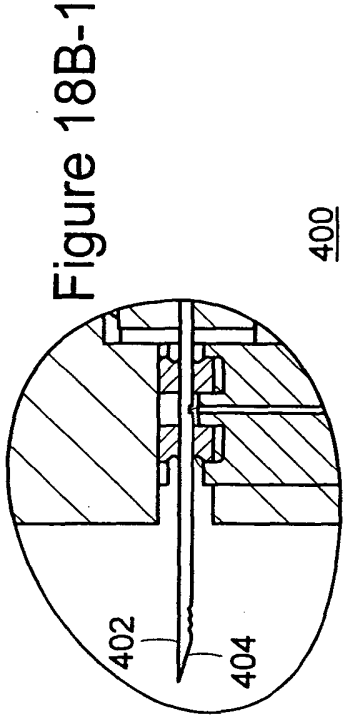


Figure 17C



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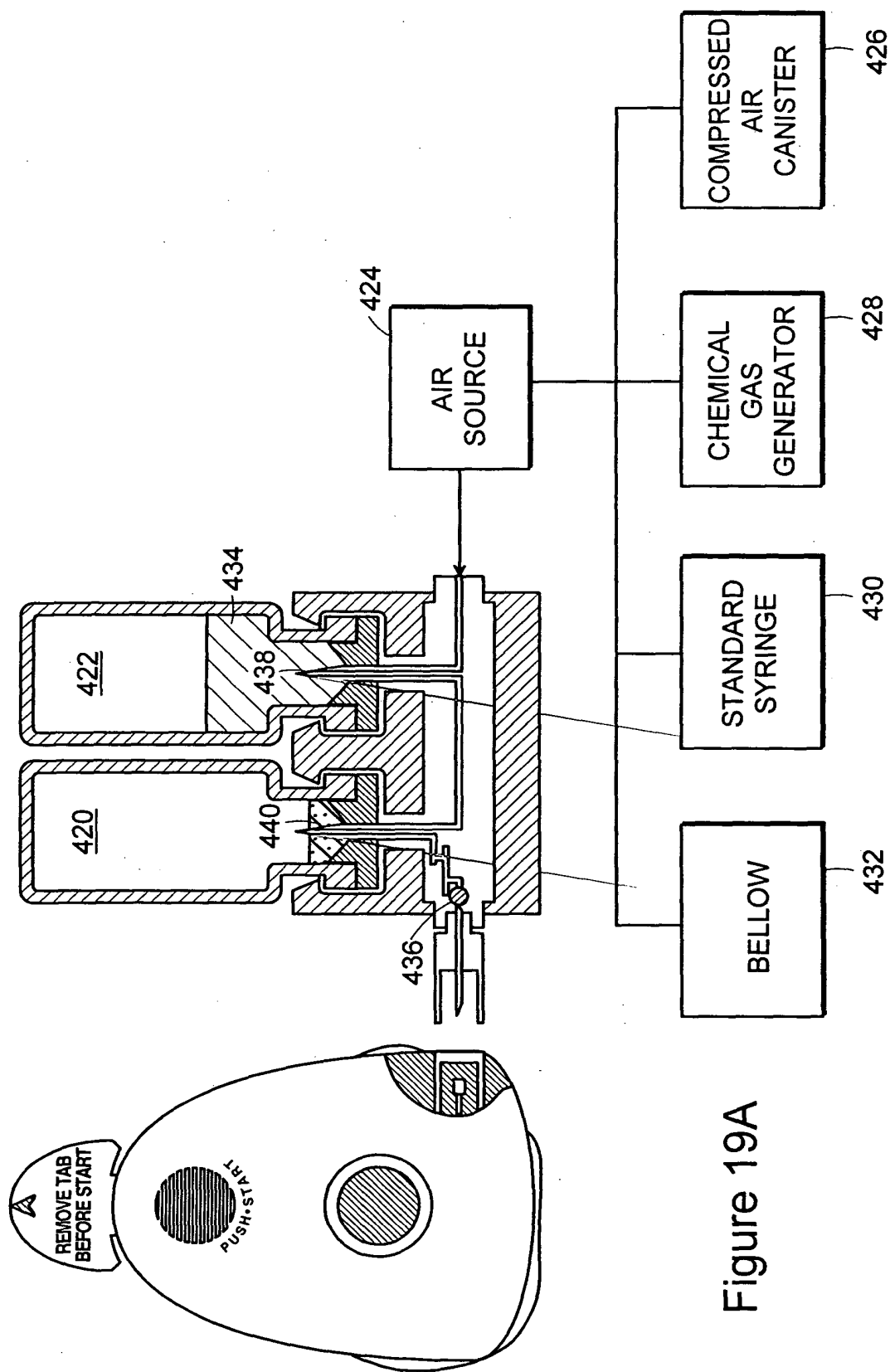


Figure 19A

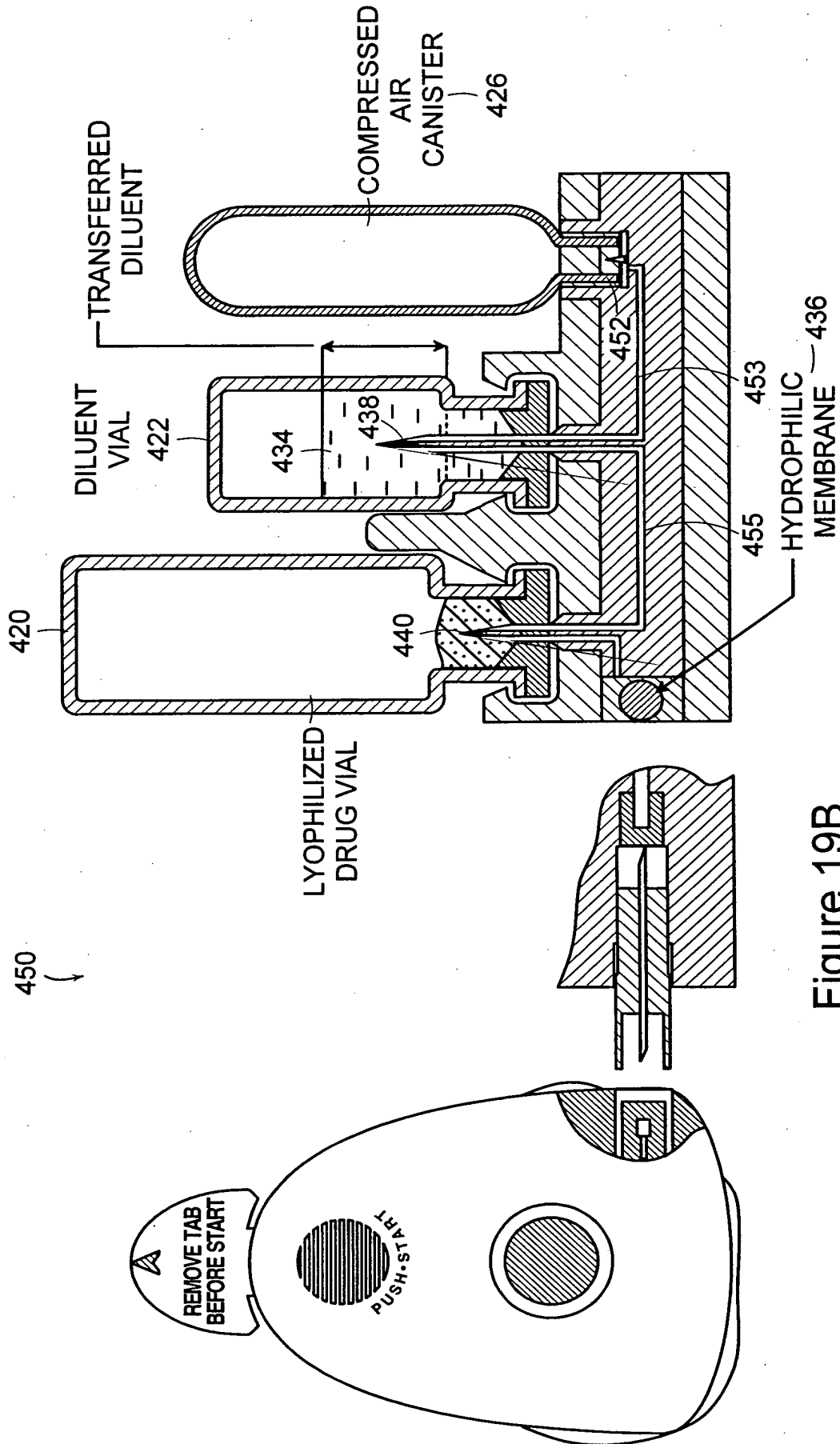


Figure 19B

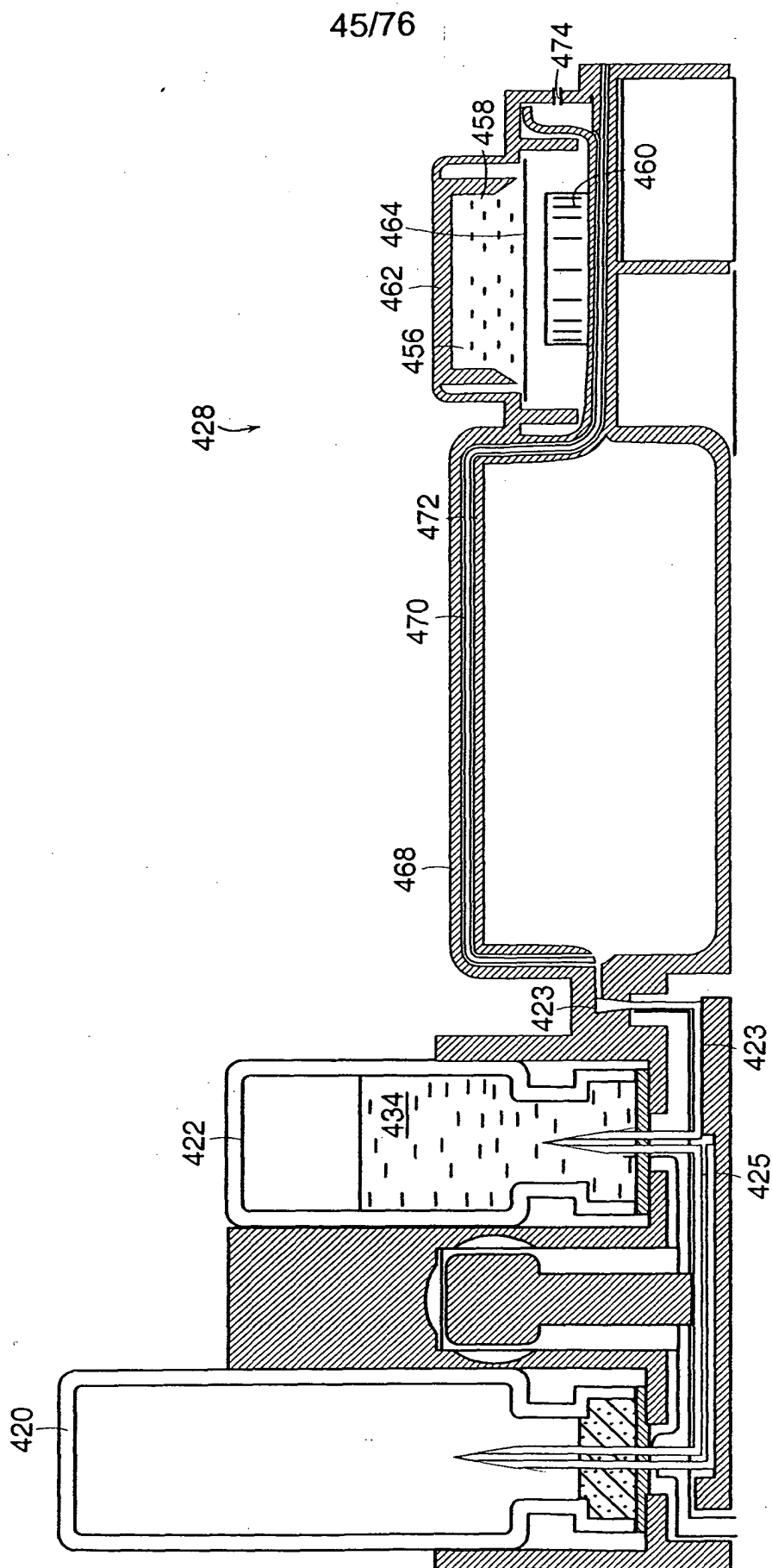


Figure 19C

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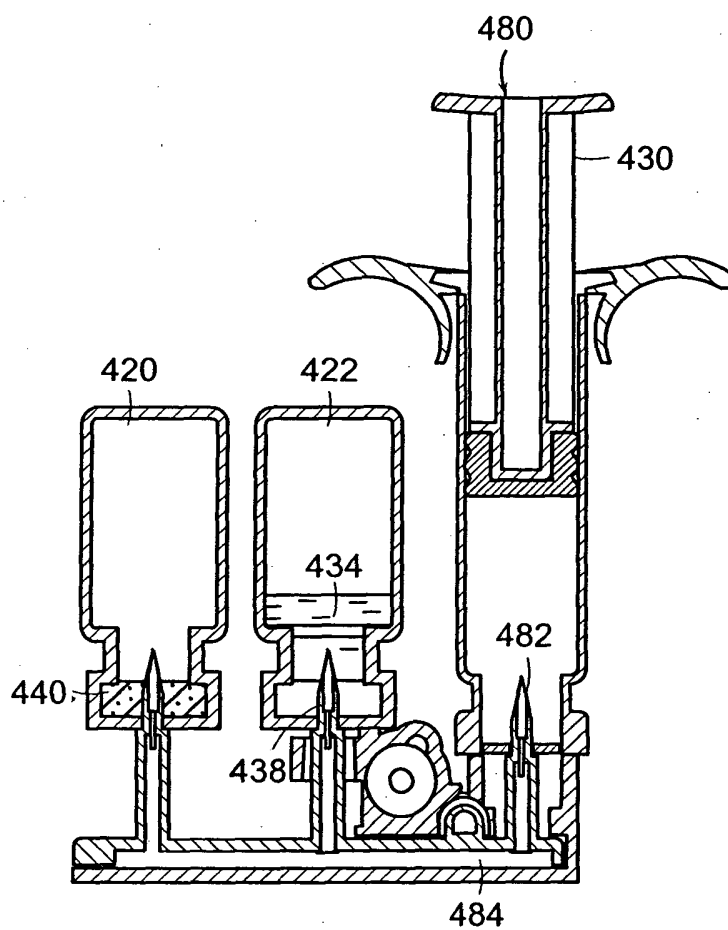


Figure 19D

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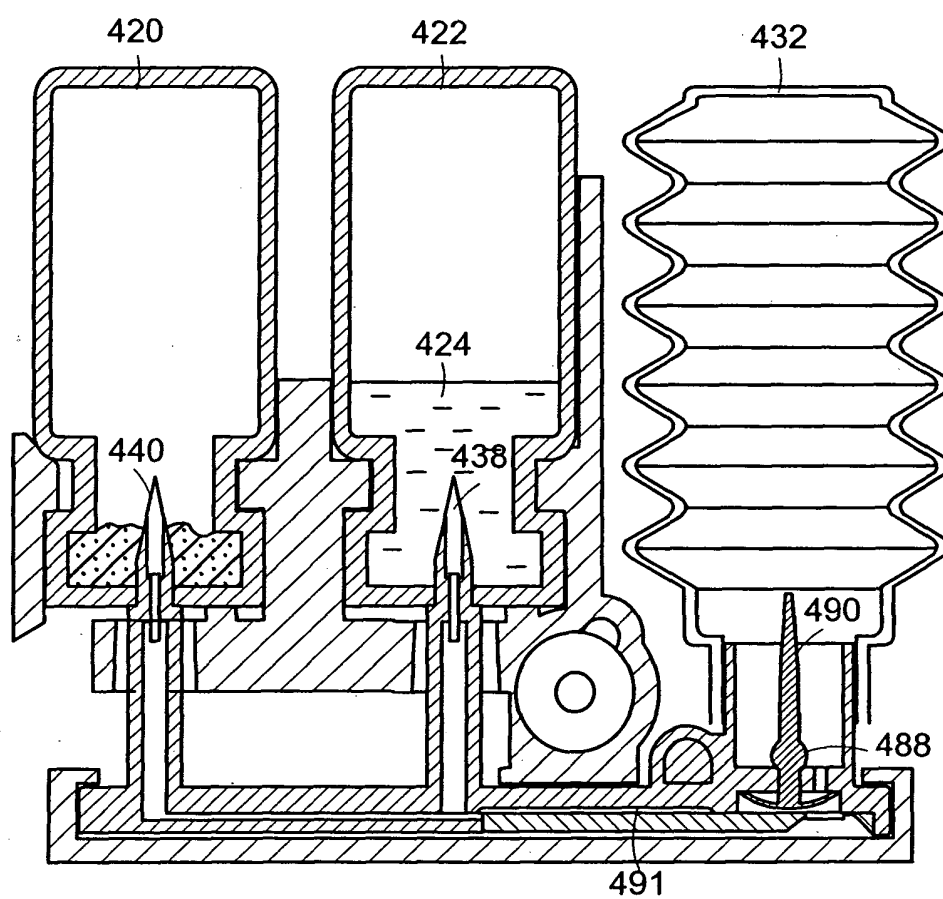


Figure 19E

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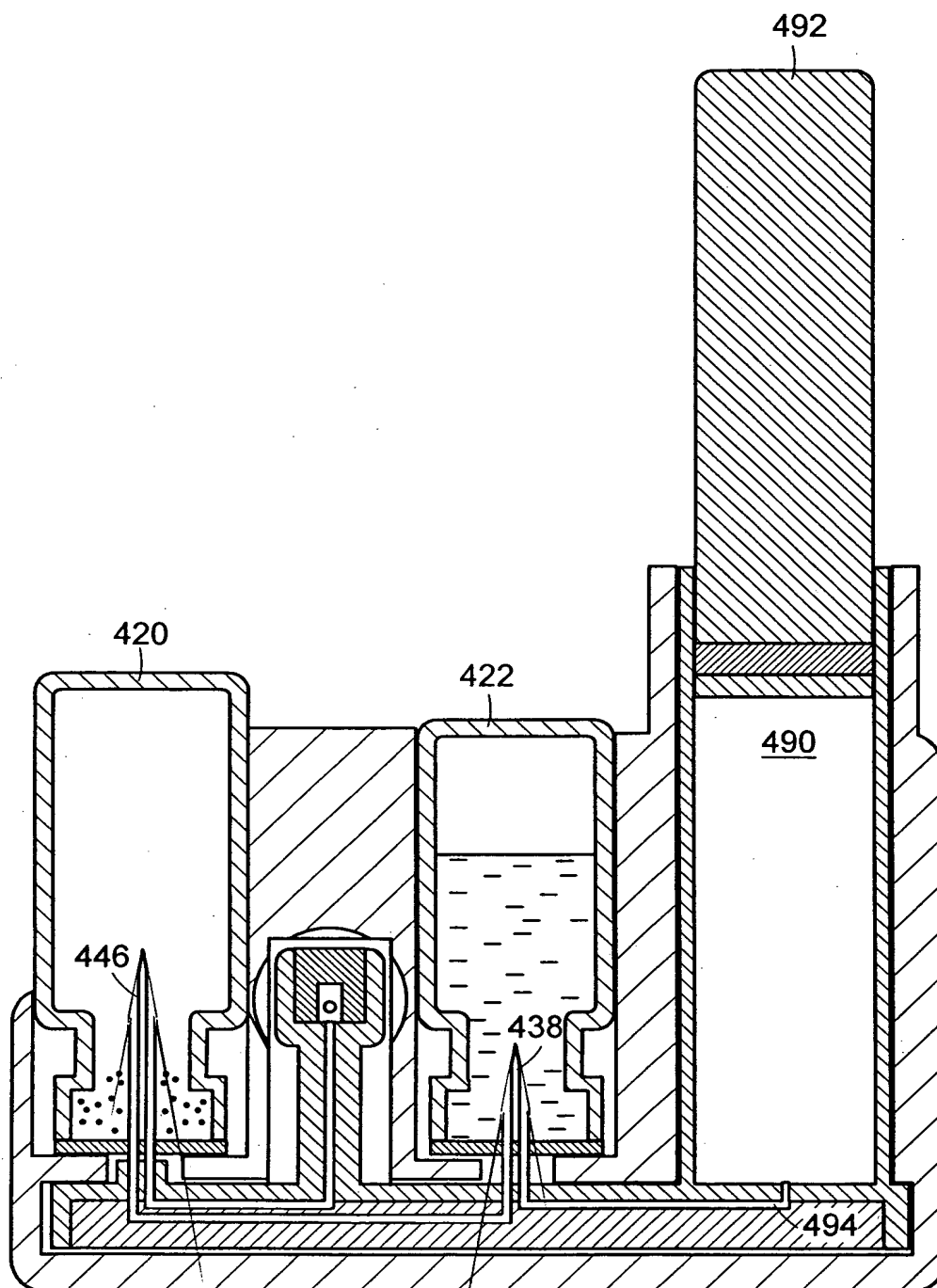


Figure 19F

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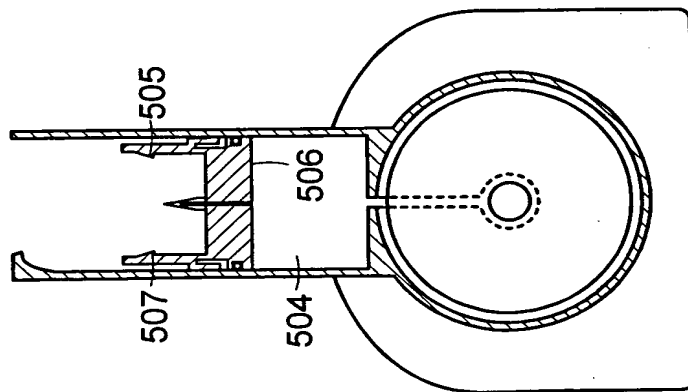
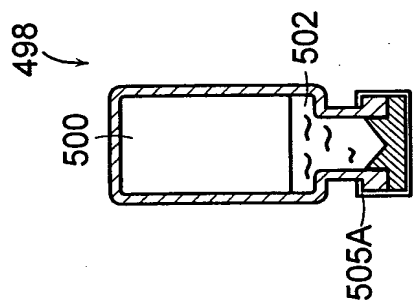


Figure 20A-1

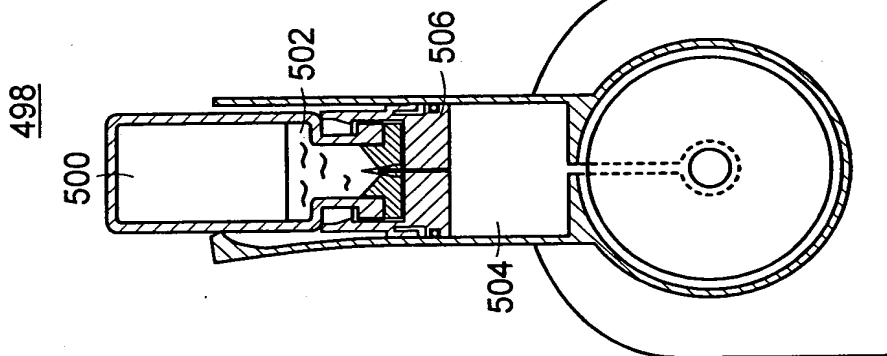


Figure 20A-2

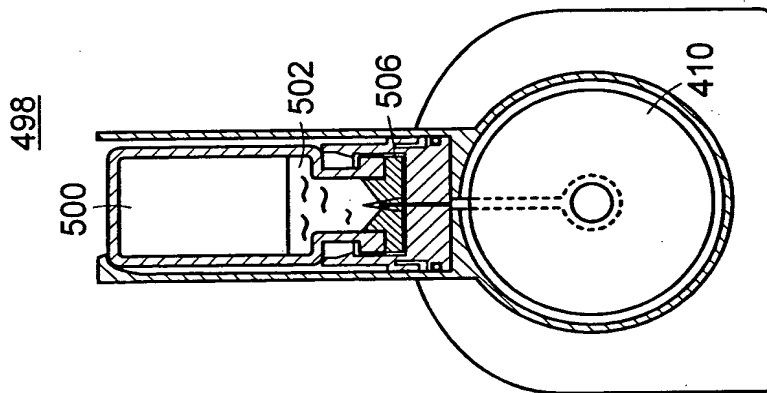


Figure 20A-3

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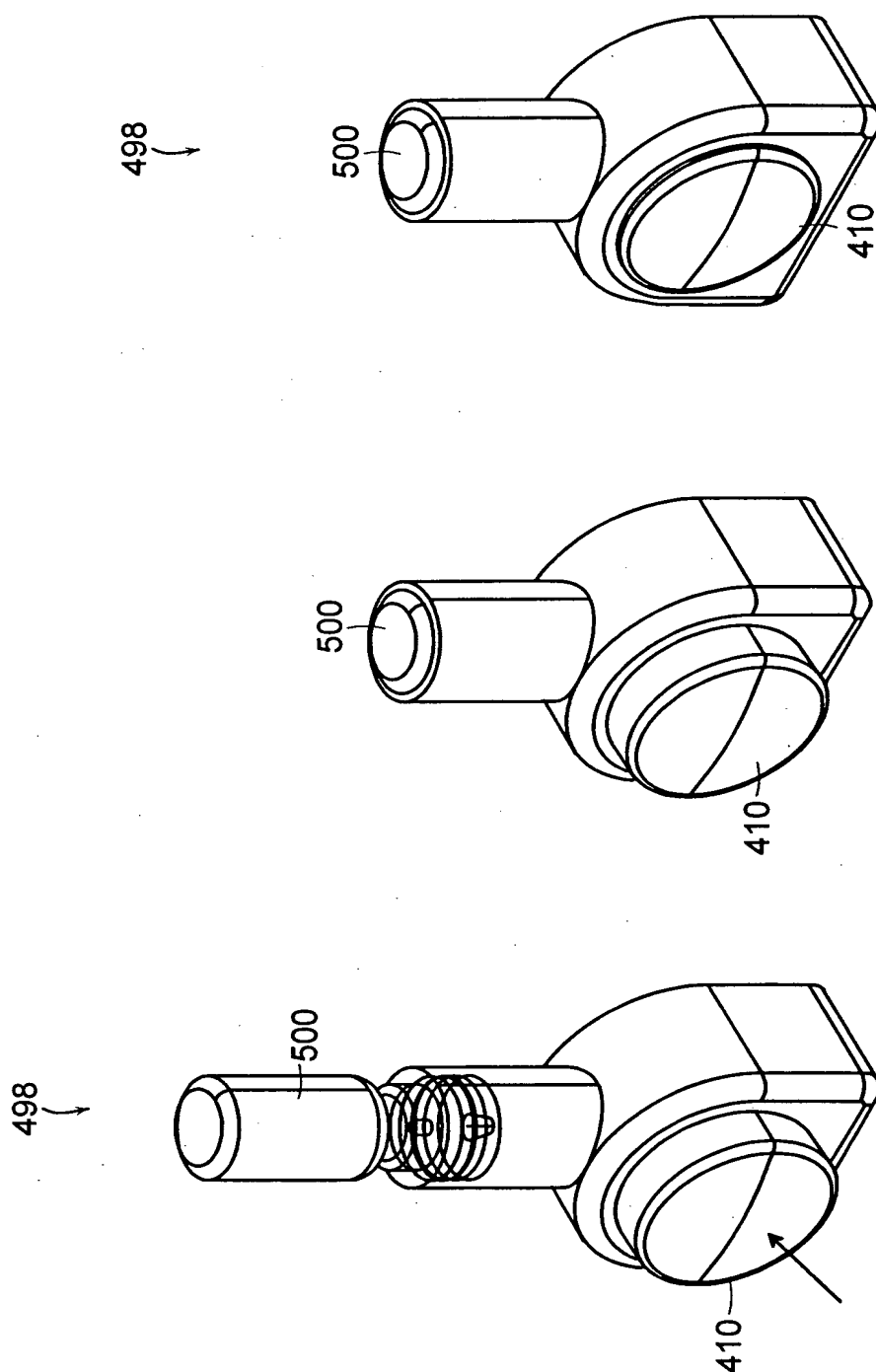


Figure 20B-3

Figure 20B-2

Figure 20B-1

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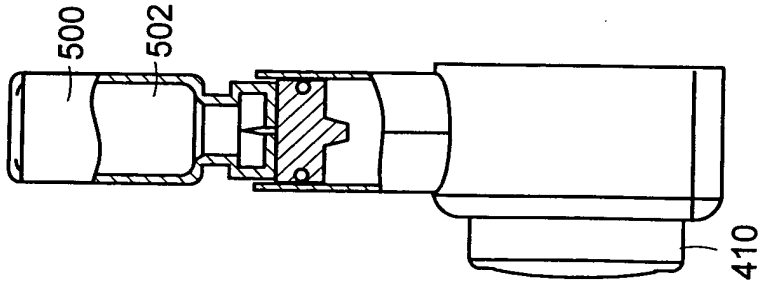


Figure 20C-1

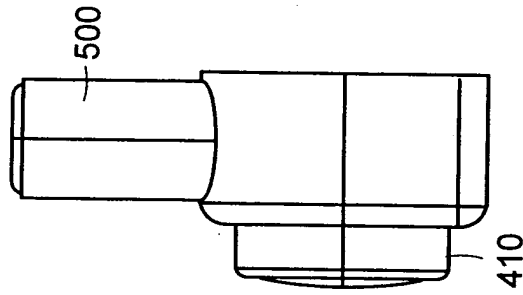


Figure 20C-2

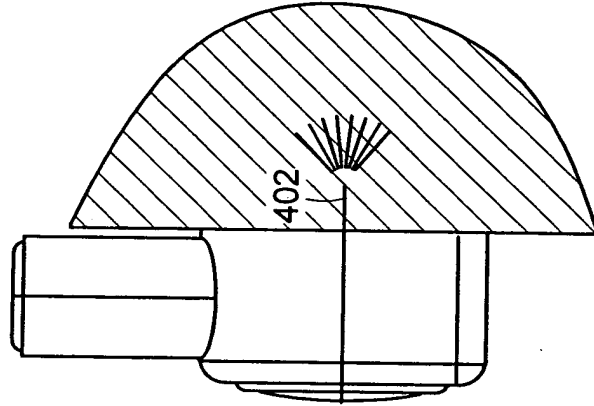


Figure 20C-3

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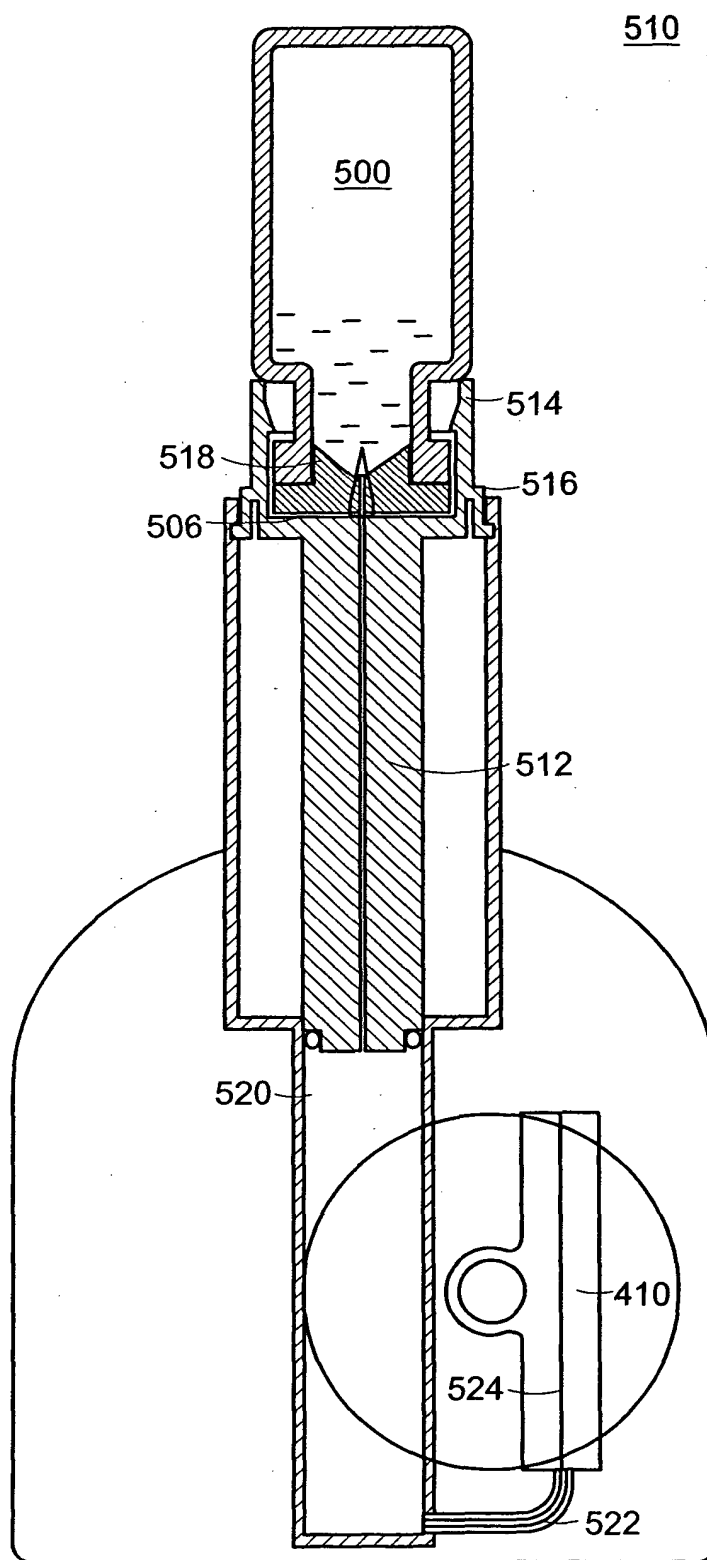


Figure 21

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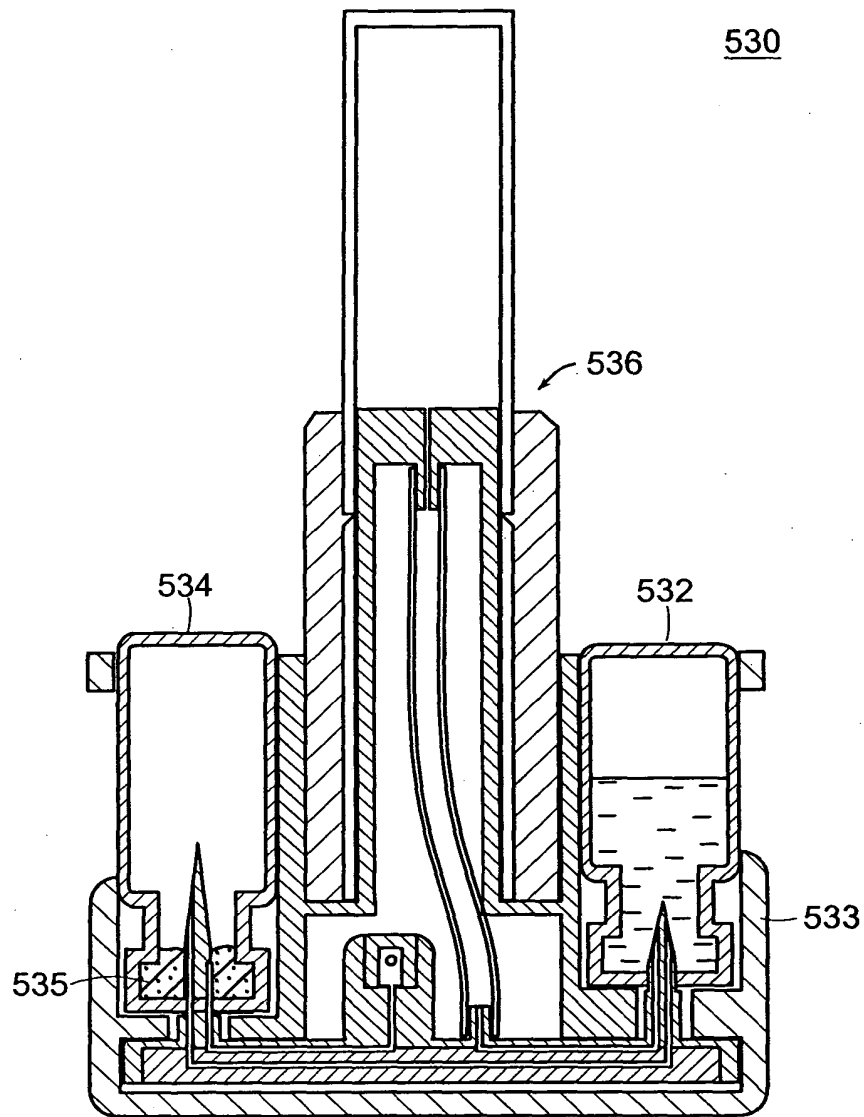


Figure 22A

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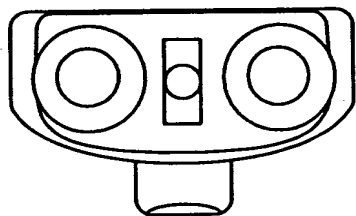


Figure 22B

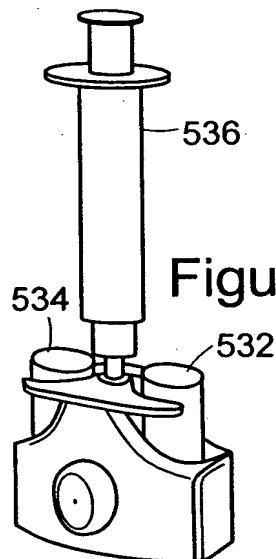


Figure 22C

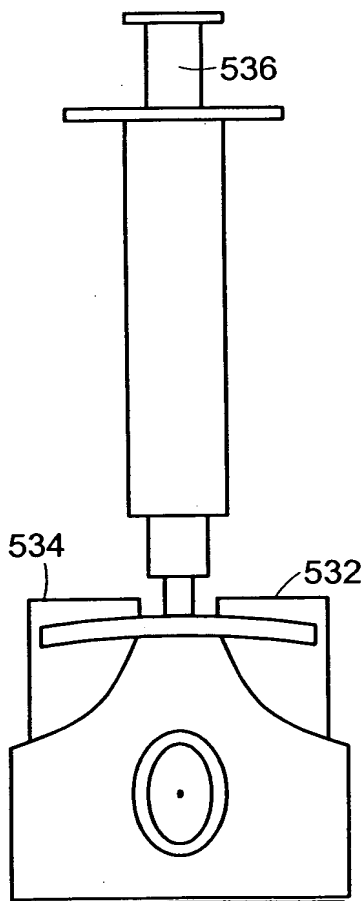


Figure 22D

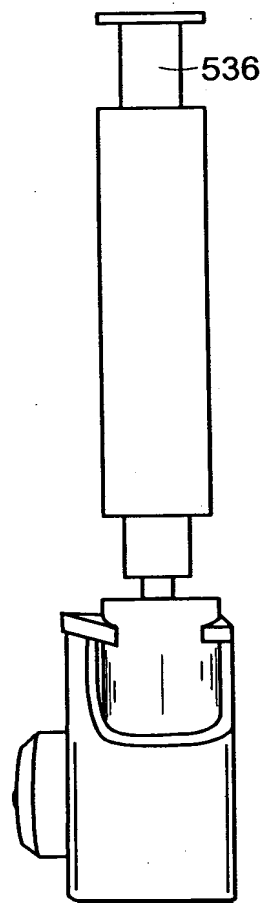


Figure 22E

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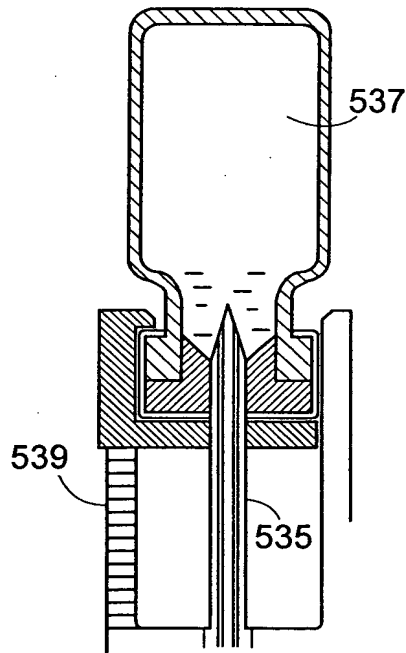


Figure 23A

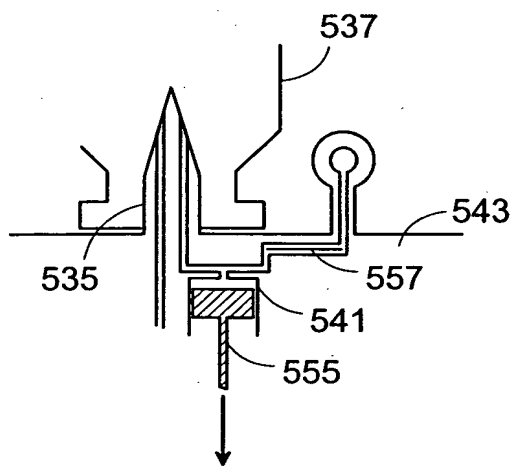


Figure 23B

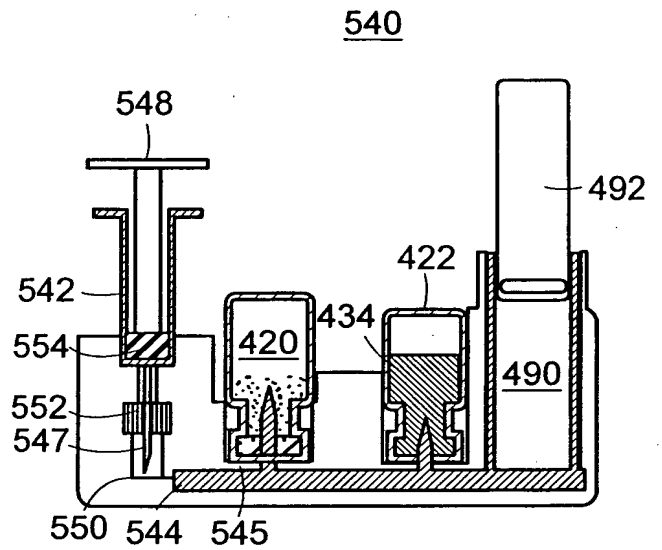


Figure 24A

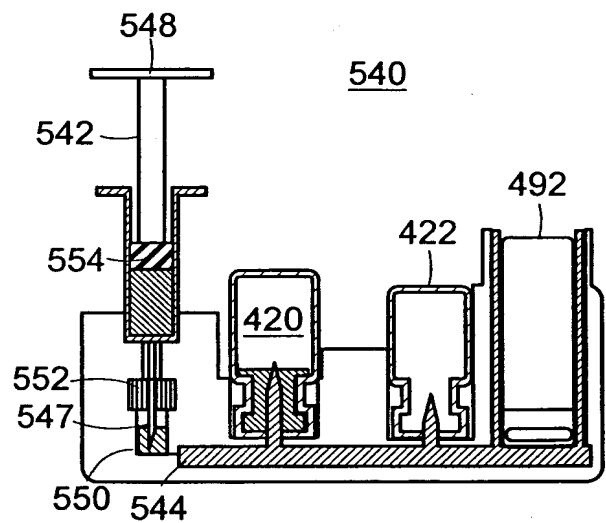


Figure 24B

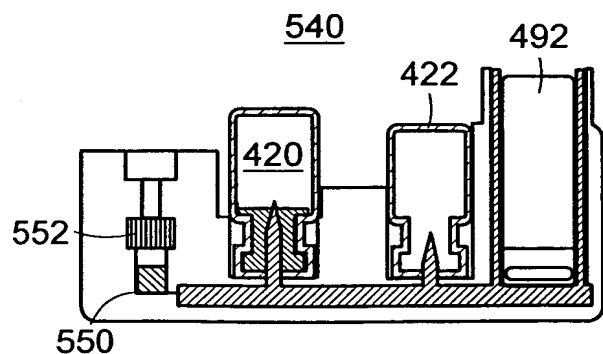


Figure 24C

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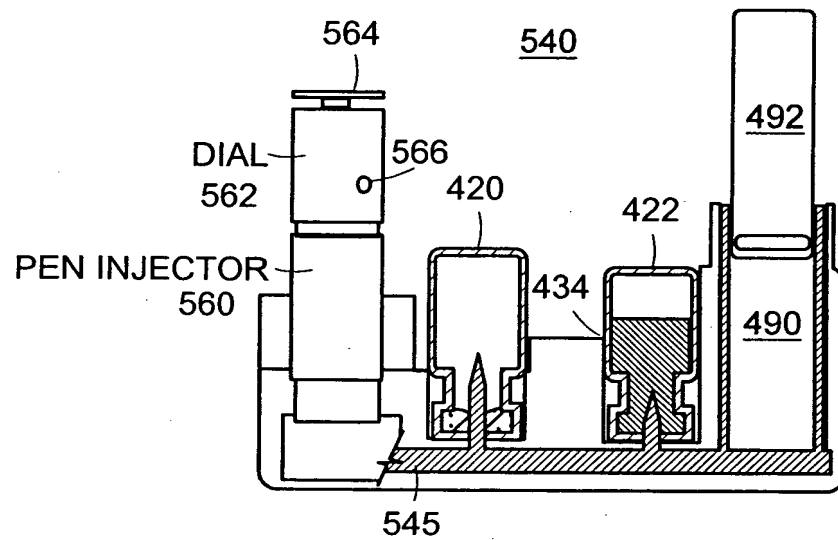


Figure 25

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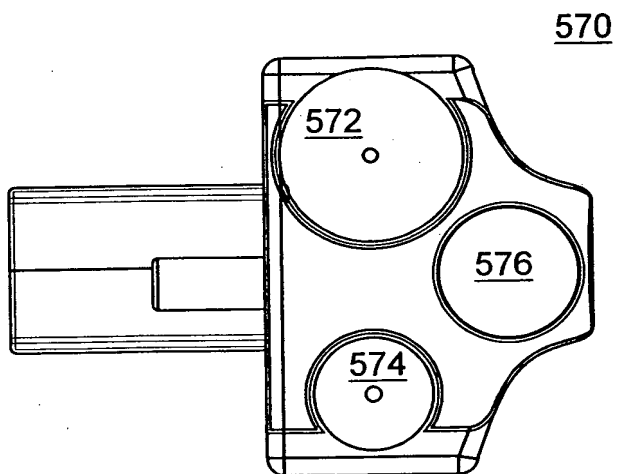


Figure 26A

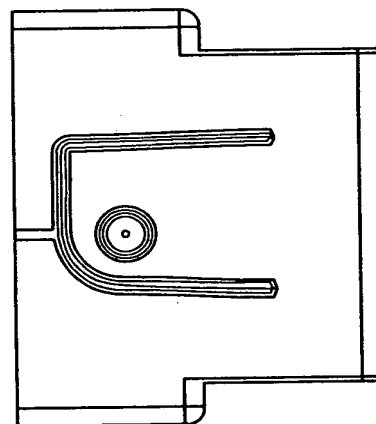


Figure 26B

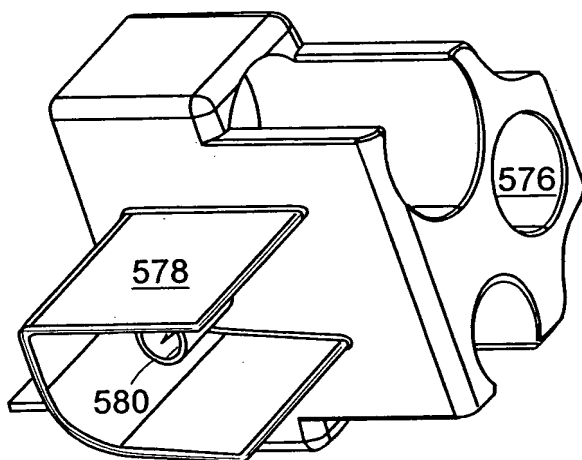


Figure 26C

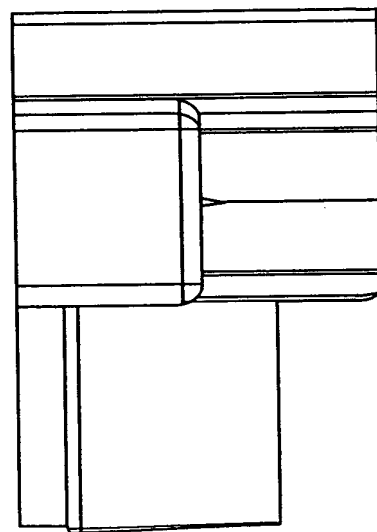


Figure 26D

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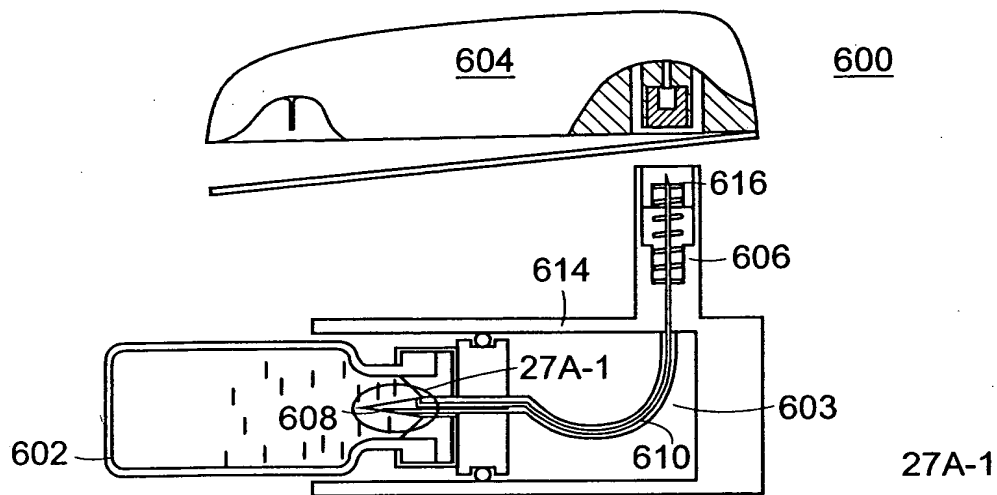


Figure 27A

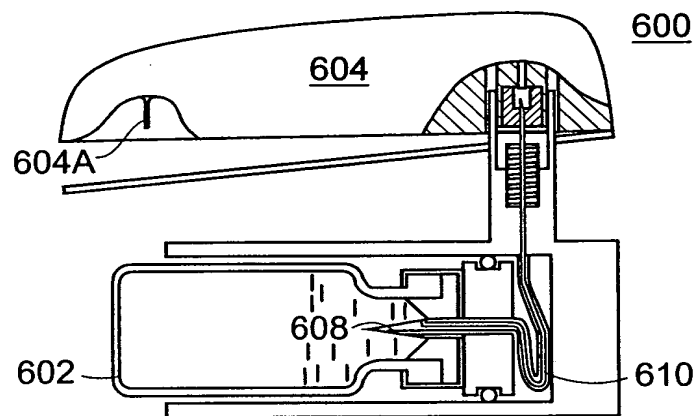


Figure 27B

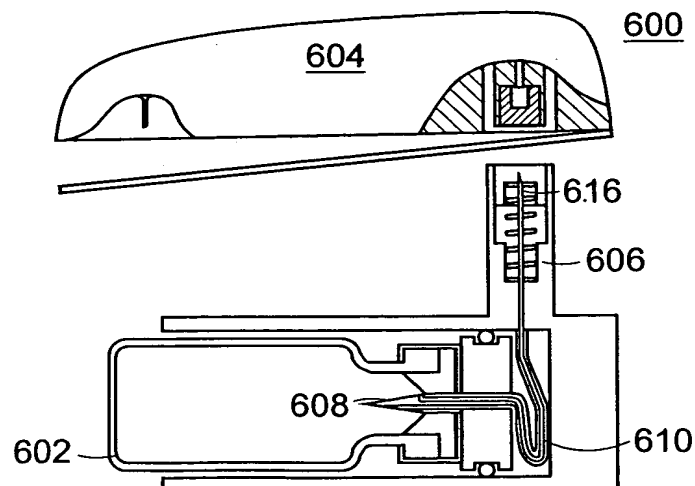


Figure 27C

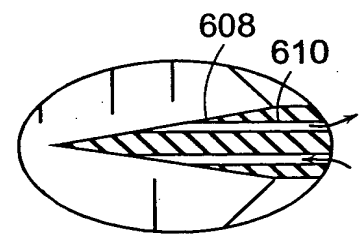


Figure 27A-1

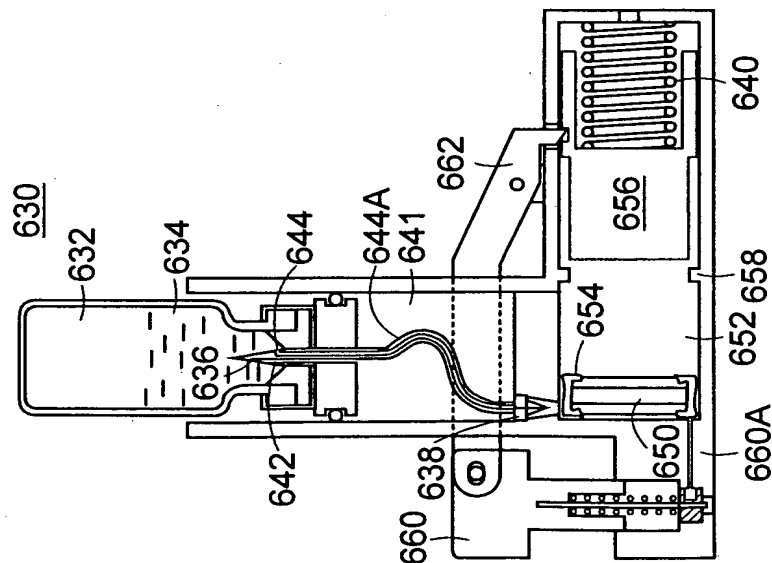


Figure 28A

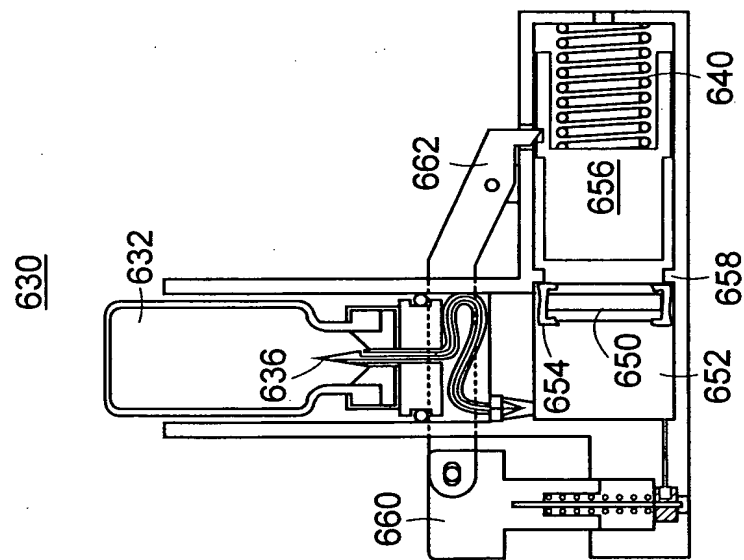


Figure 28B

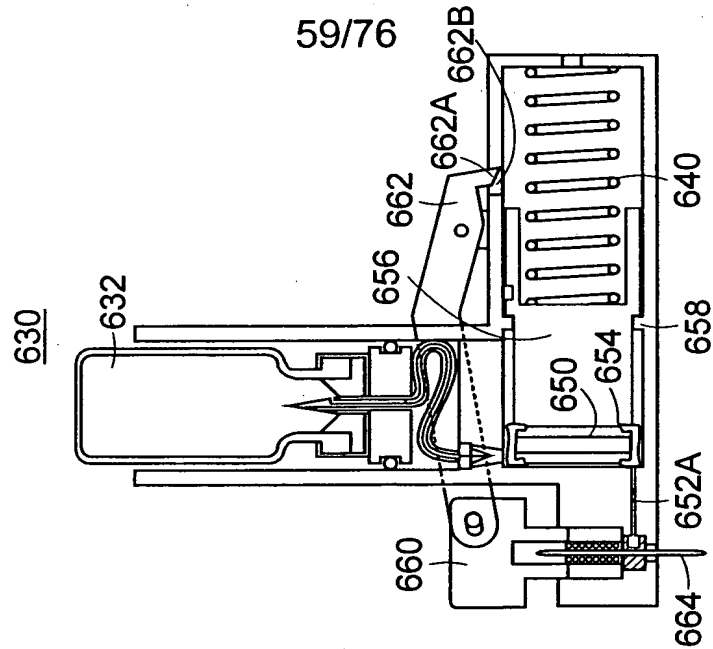


Figure 28C

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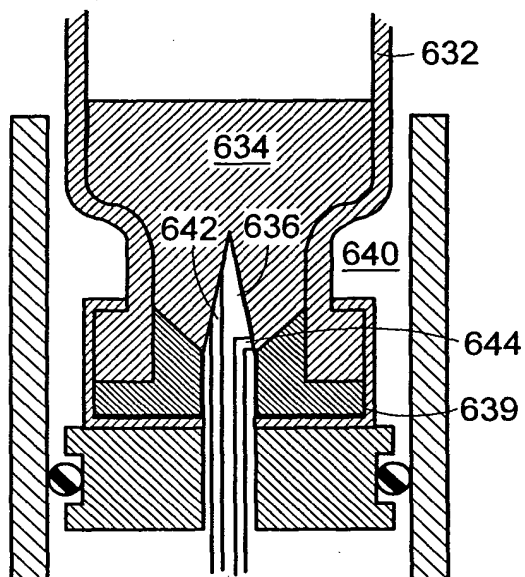


Figure 28D

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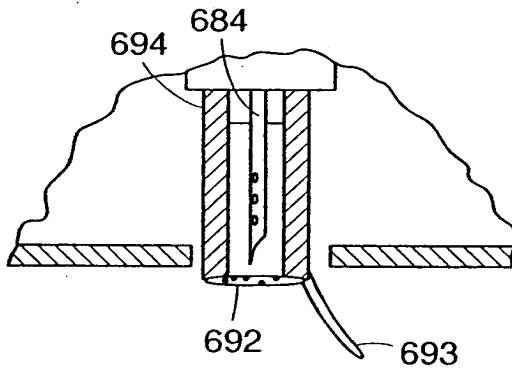


Figure 29A-1

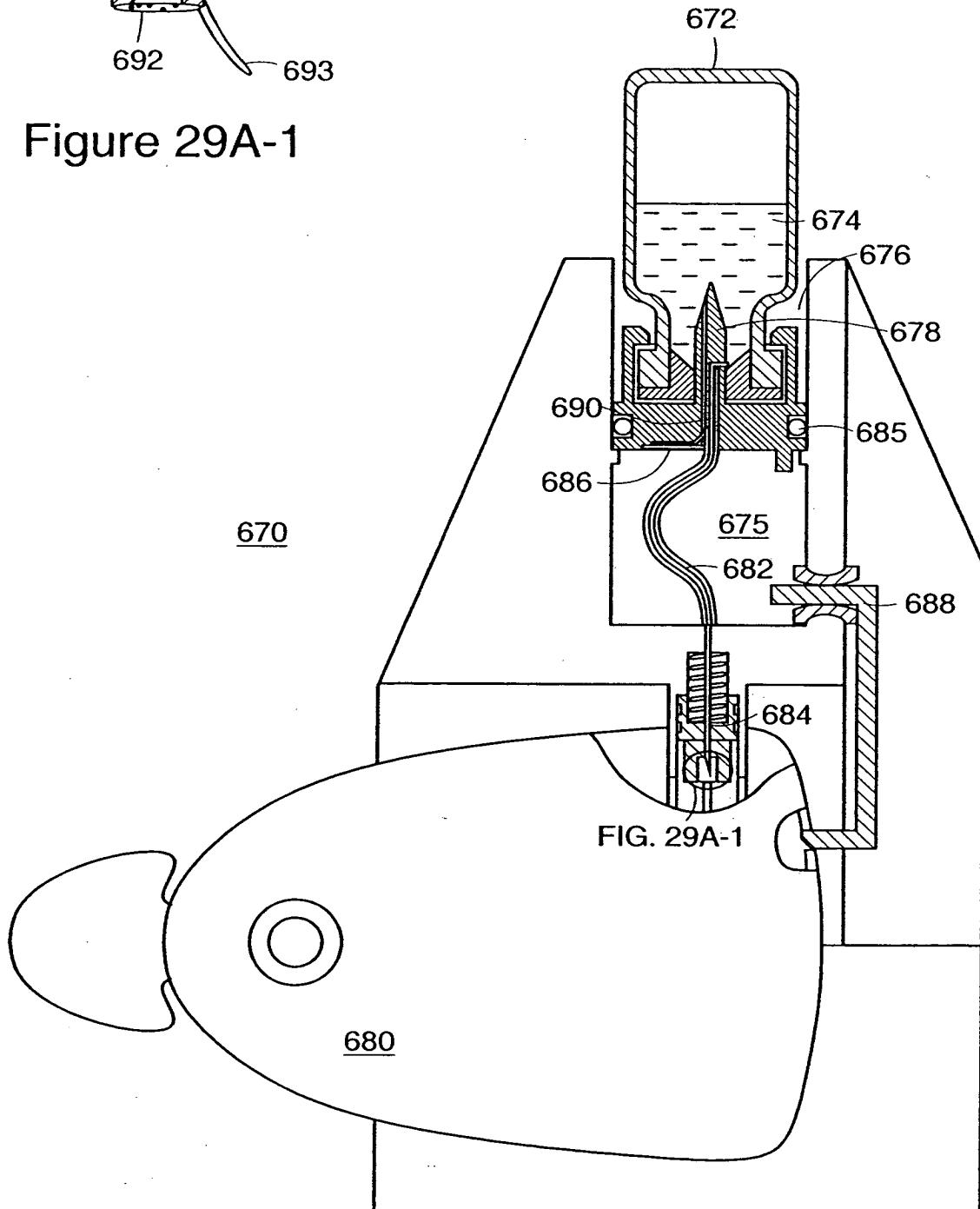


Figure 29A

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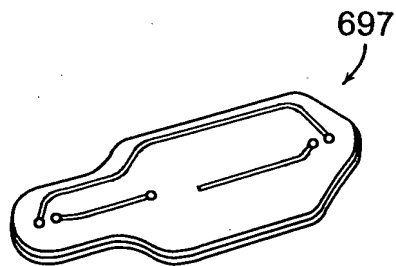


Figure 30B

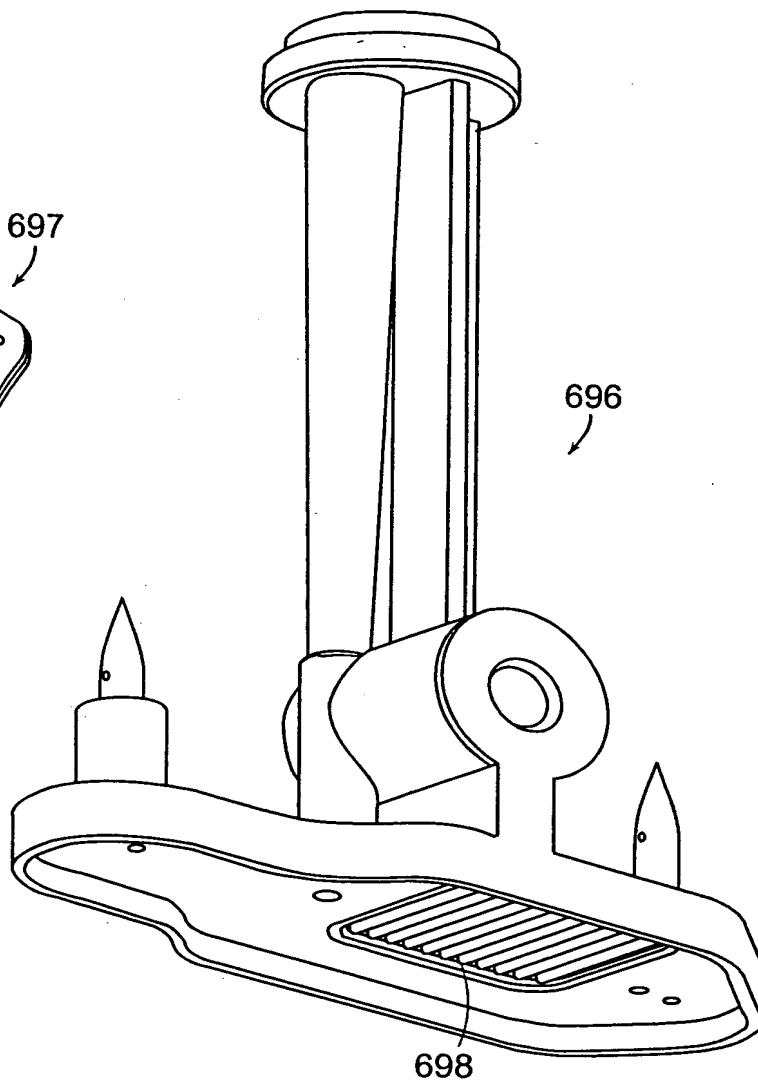
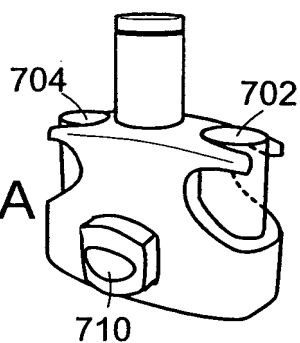


Figure 30A

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Figure 31A



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Figure 31B

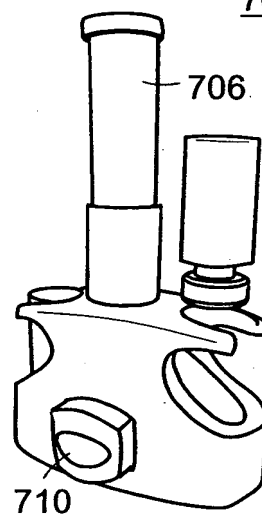


Figure 31C

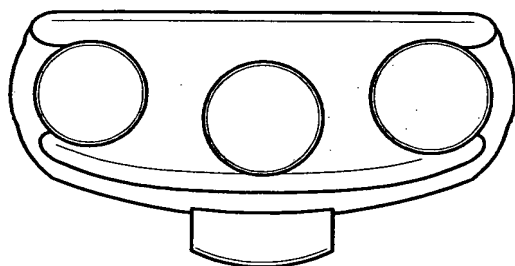


Figure 31D

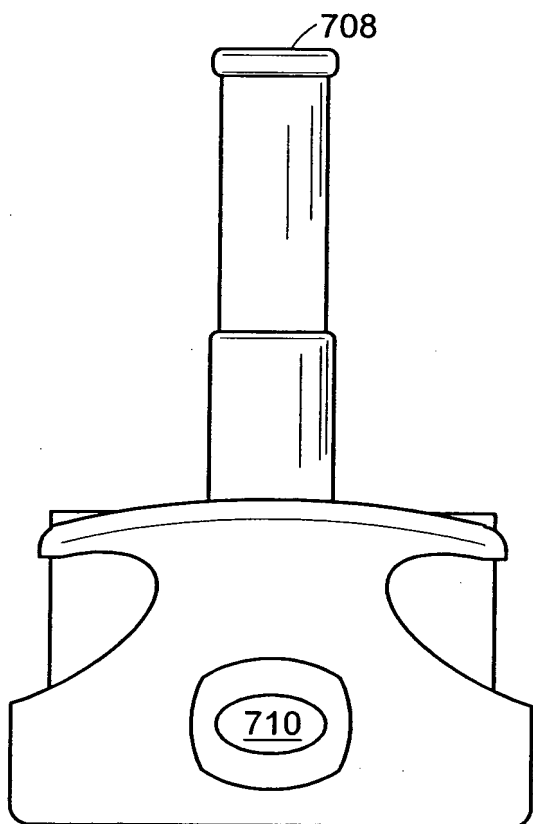
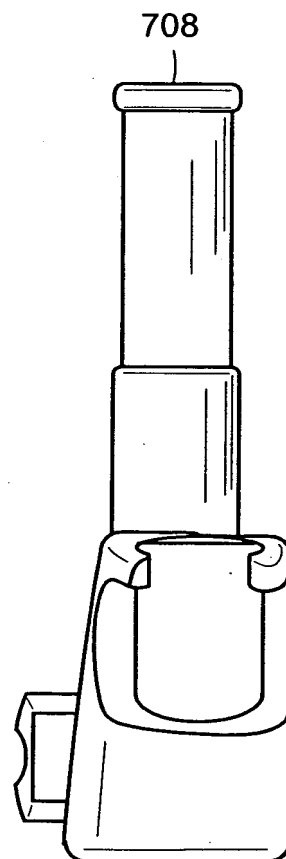


Figure 31E



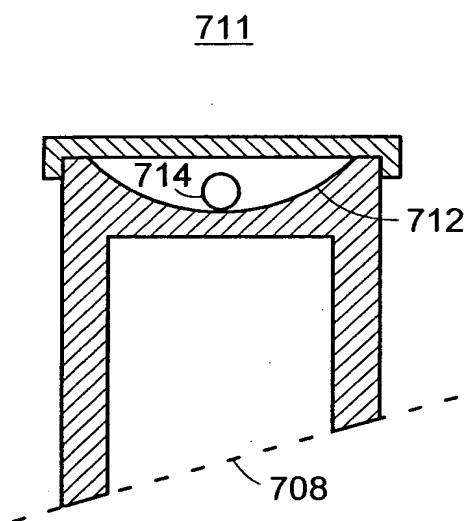


Figure 31F

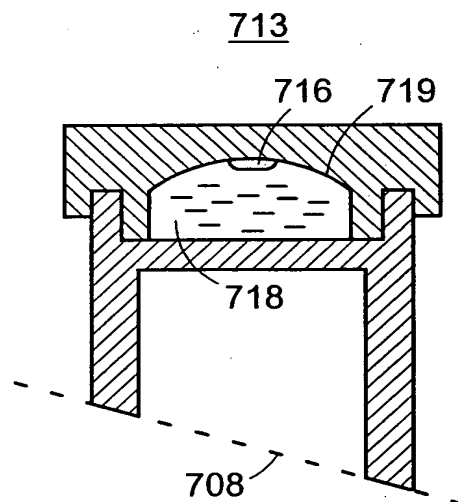


Figure 31G

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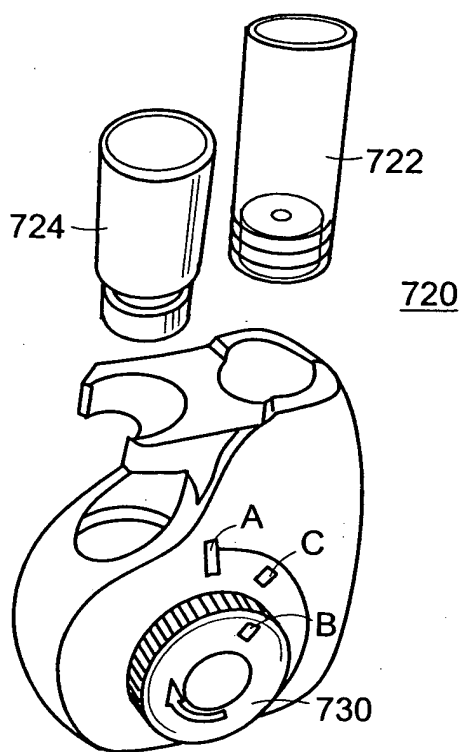


Figure 32A

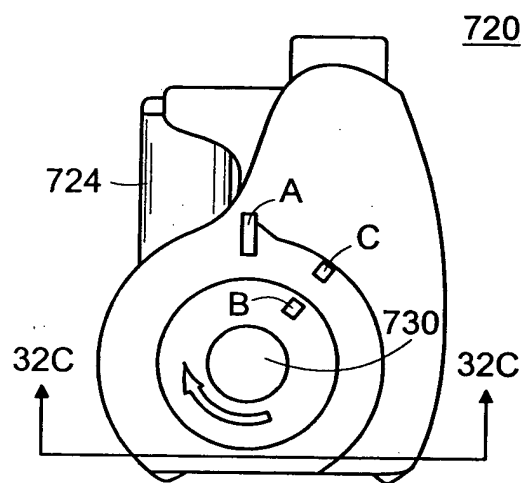


Figure 32B

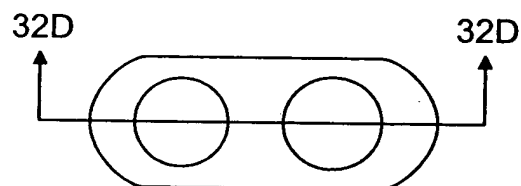


Figure 32C

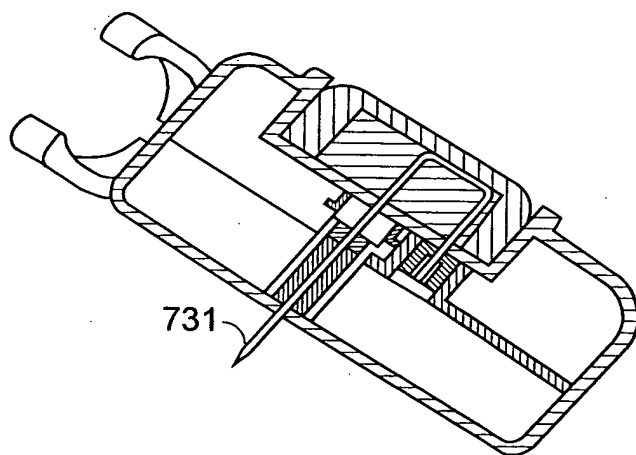


Figure 32D

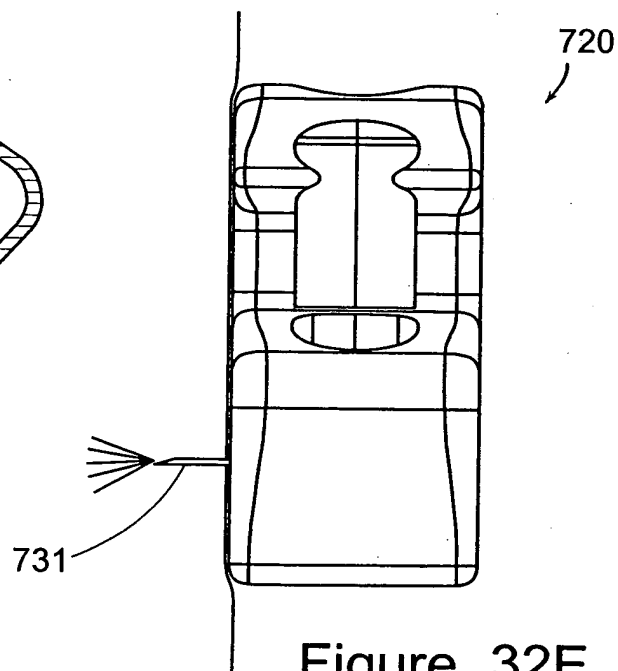


Figure 32E

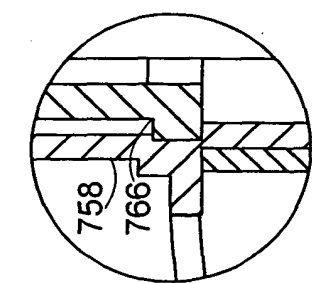


Figure 33A-1

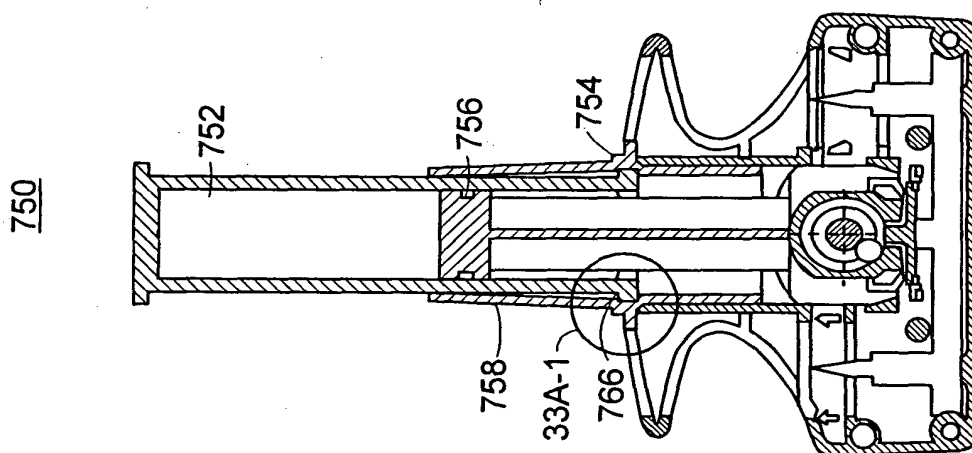


Figure 33A

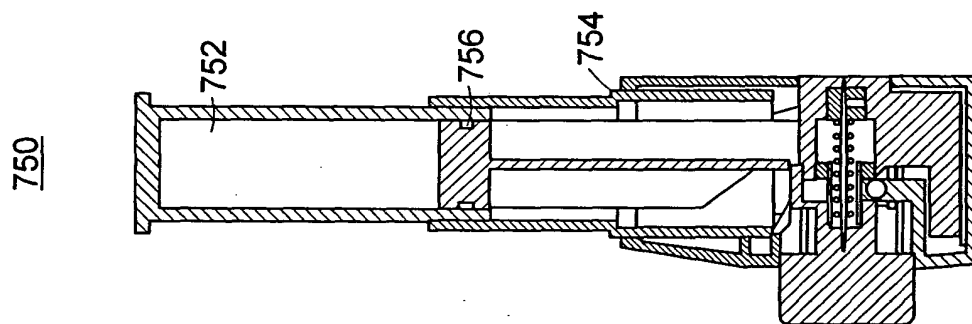


Figure 33B

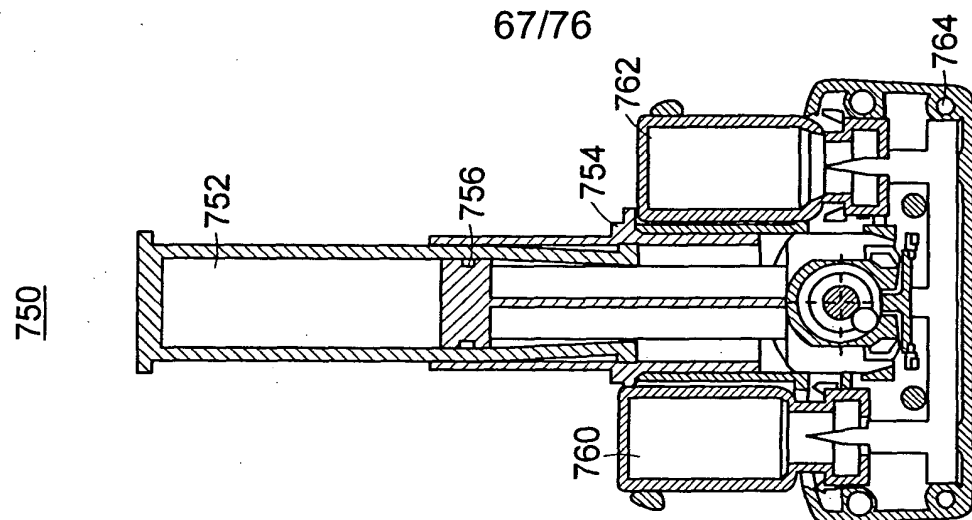


Figure 33C

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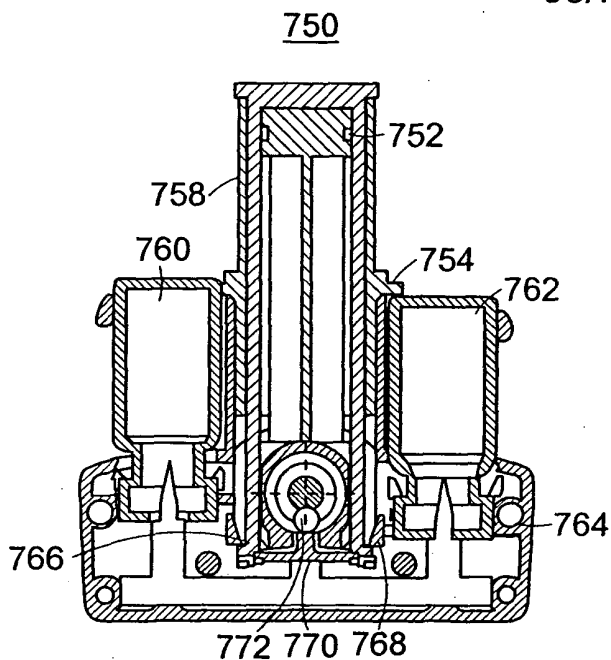


Figure 33D

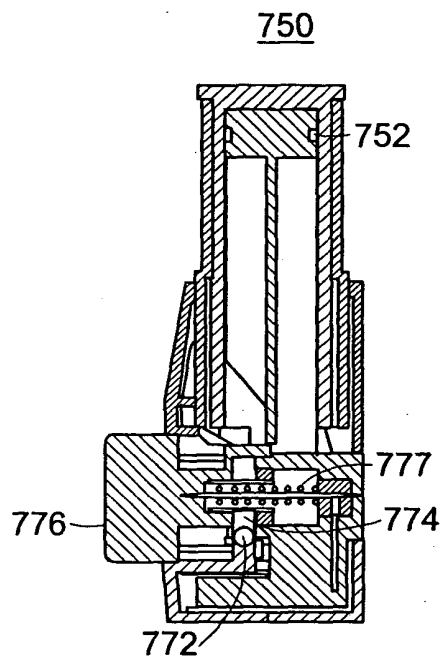


Figure 33E

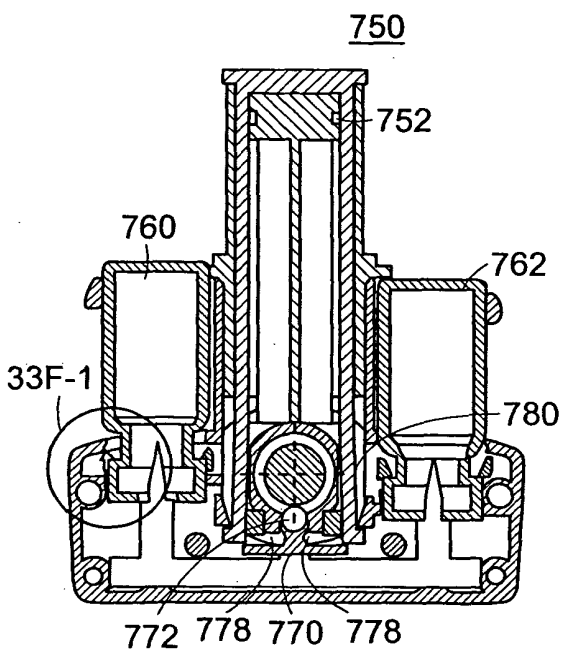


Figure 33F

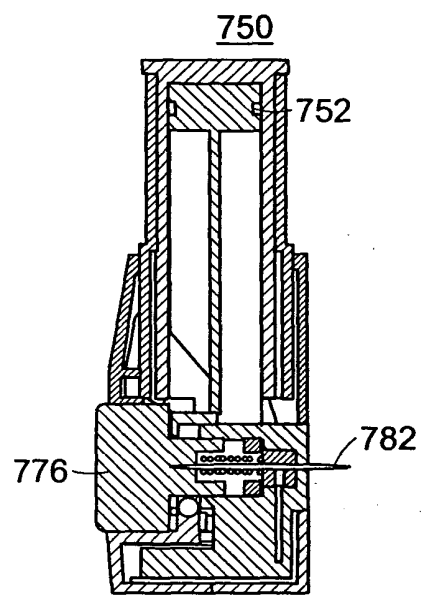


Figure 33G

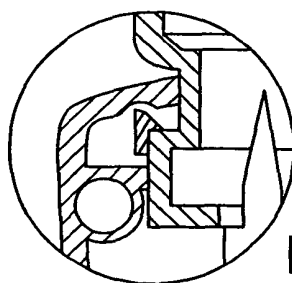


Figure 33F-1

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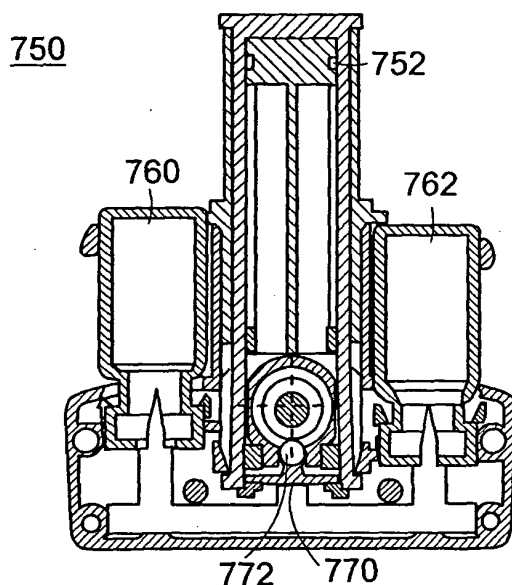


Figure 33H

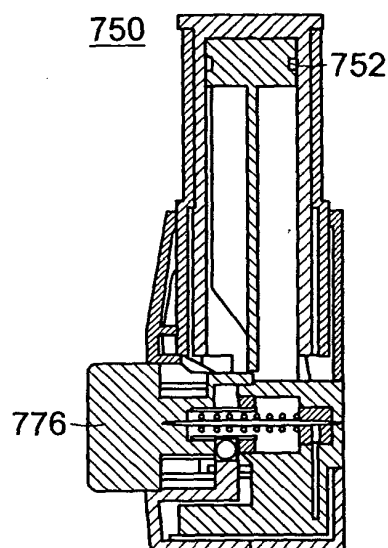


Figure 33I

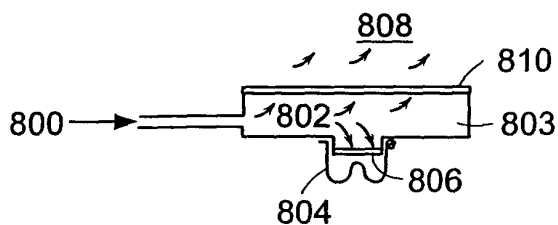


Figure 34A

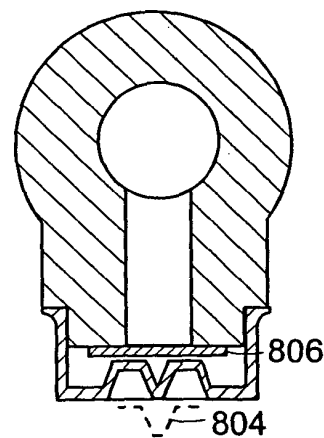


Figure 34C

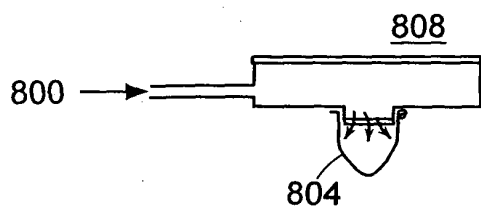


Figure 34B

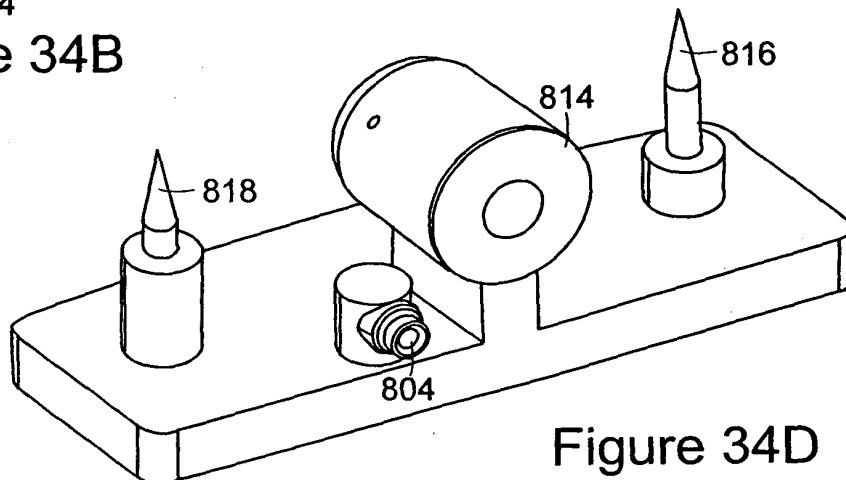


Figure 34D

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TYPICAL INJECTION PROFILE
 DELIVERY FROM HIGH VOLUME VIAL

DELIVERY PROFILE (SIMULATION) - NO ADDITIONAL AIR.

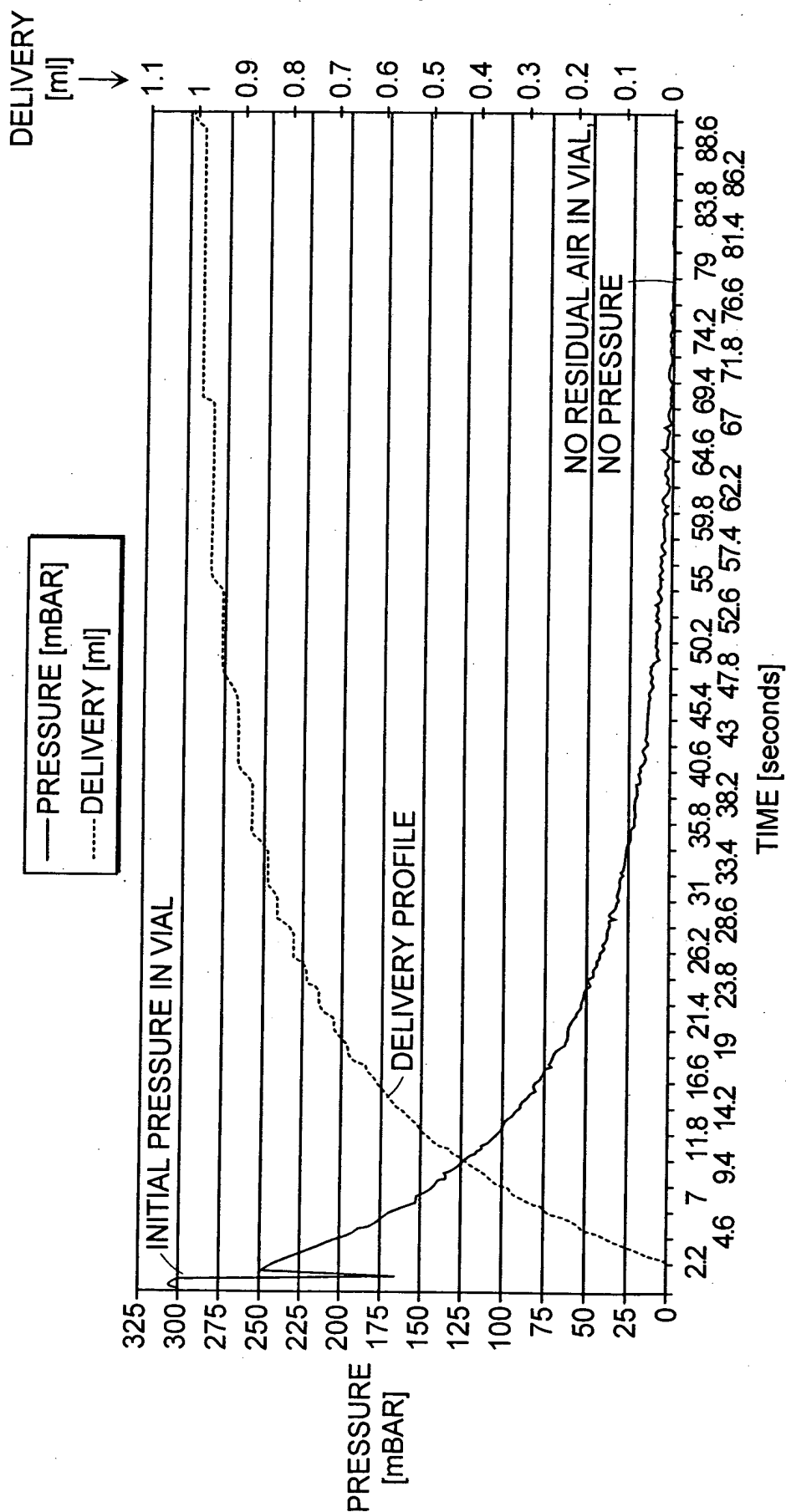


Figure 35

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TYPICAL INJECTION PROFILE
 DELIVERY FROM HIGH VOLUME VIAL

DELIVERY DURATION & DELIVERY PRESSURE / AIR VOLUME (SIMULATION CONFIGURATION)

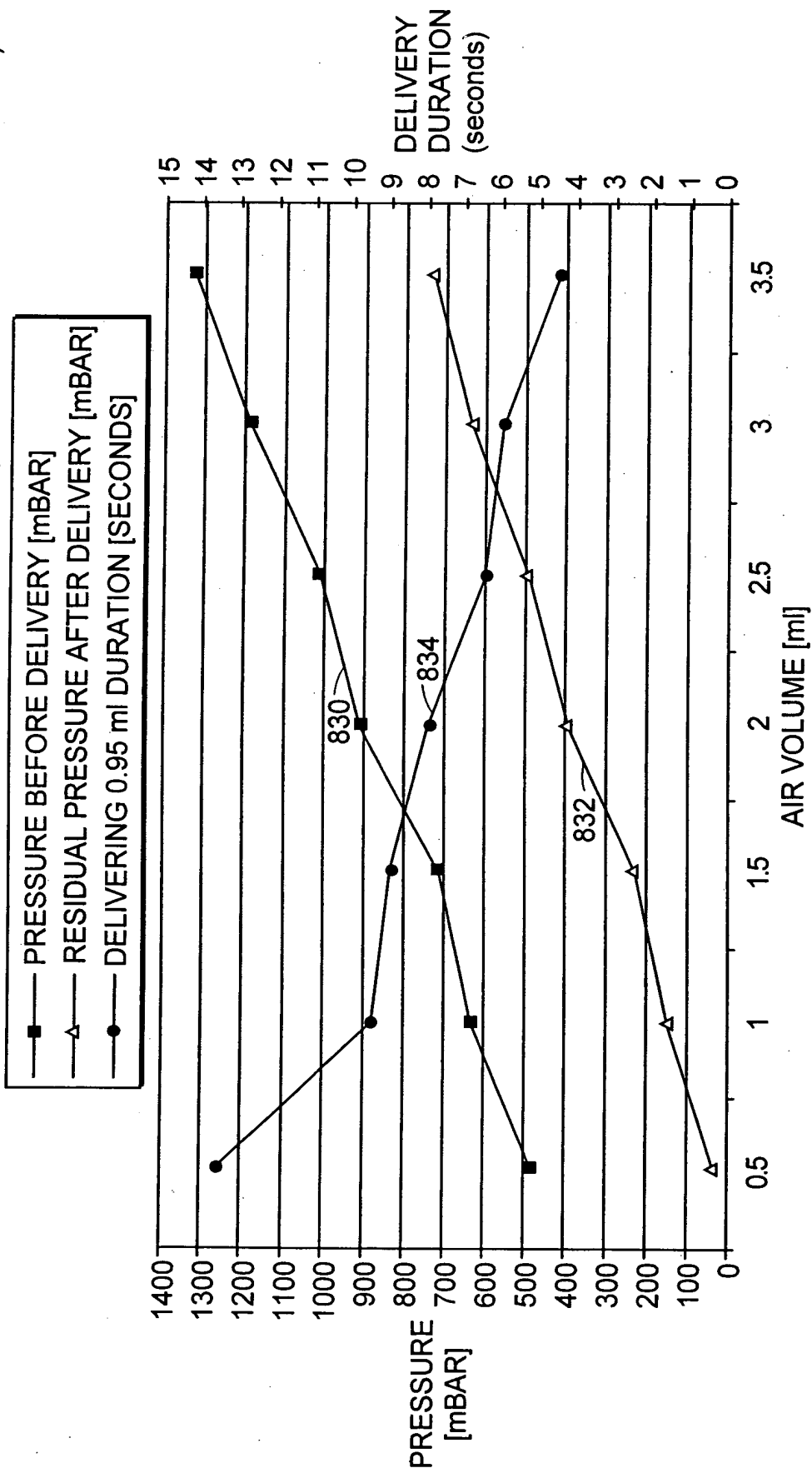


Figure 36

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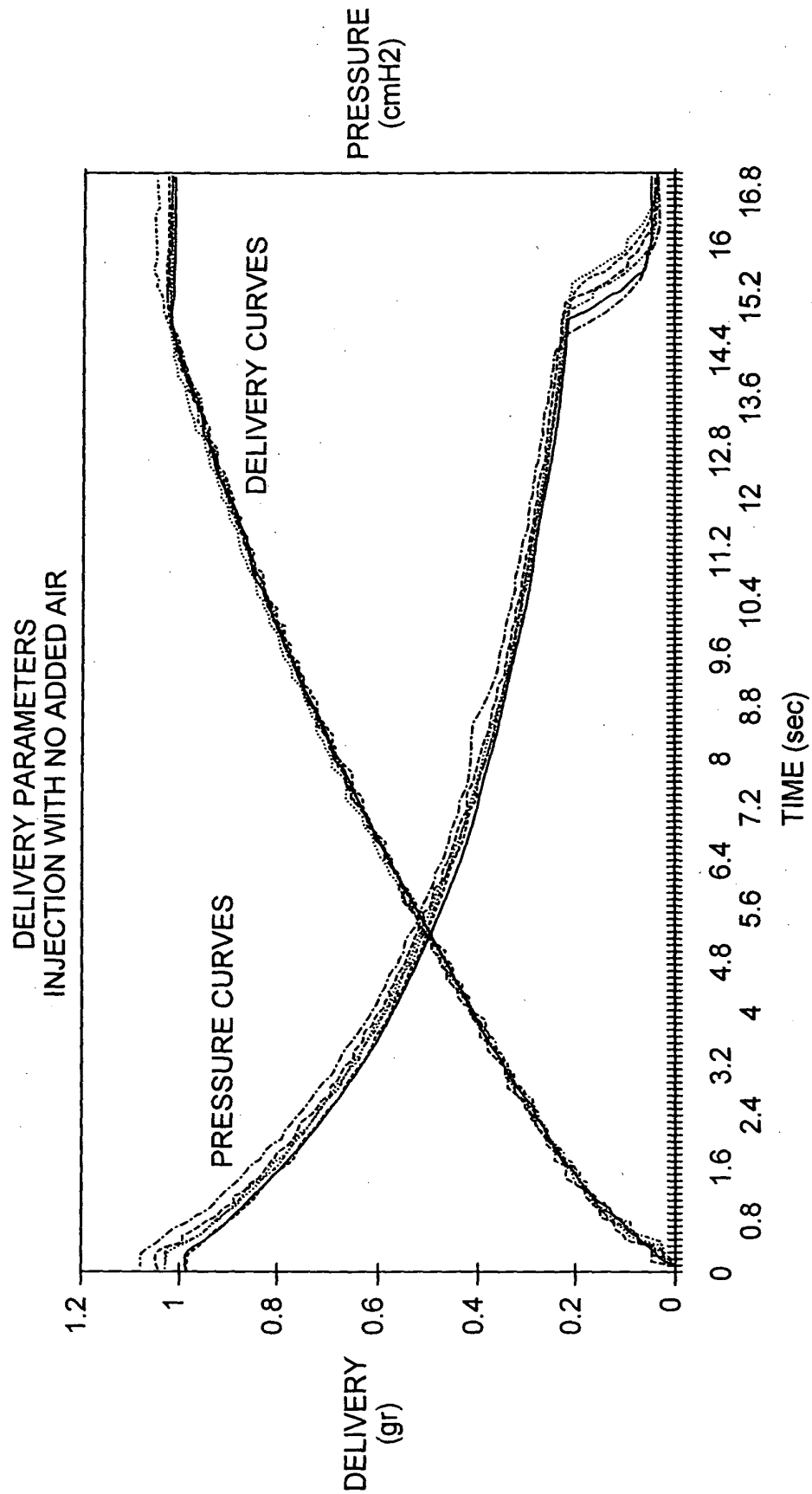


Figure 37

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AIR PRESSURE GRADIENT ON HYDROPHILIC MEMBRANE

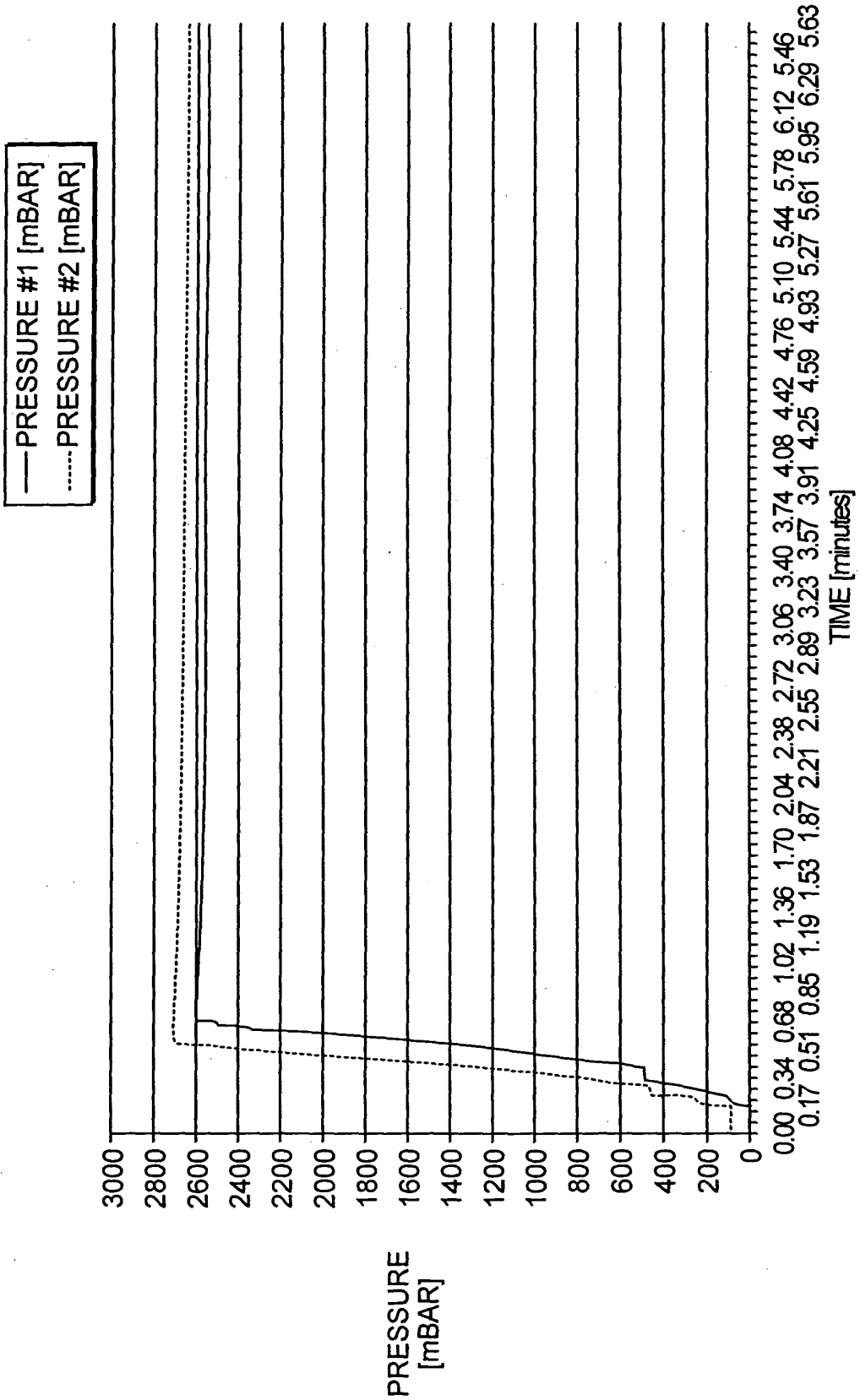


Figure 38

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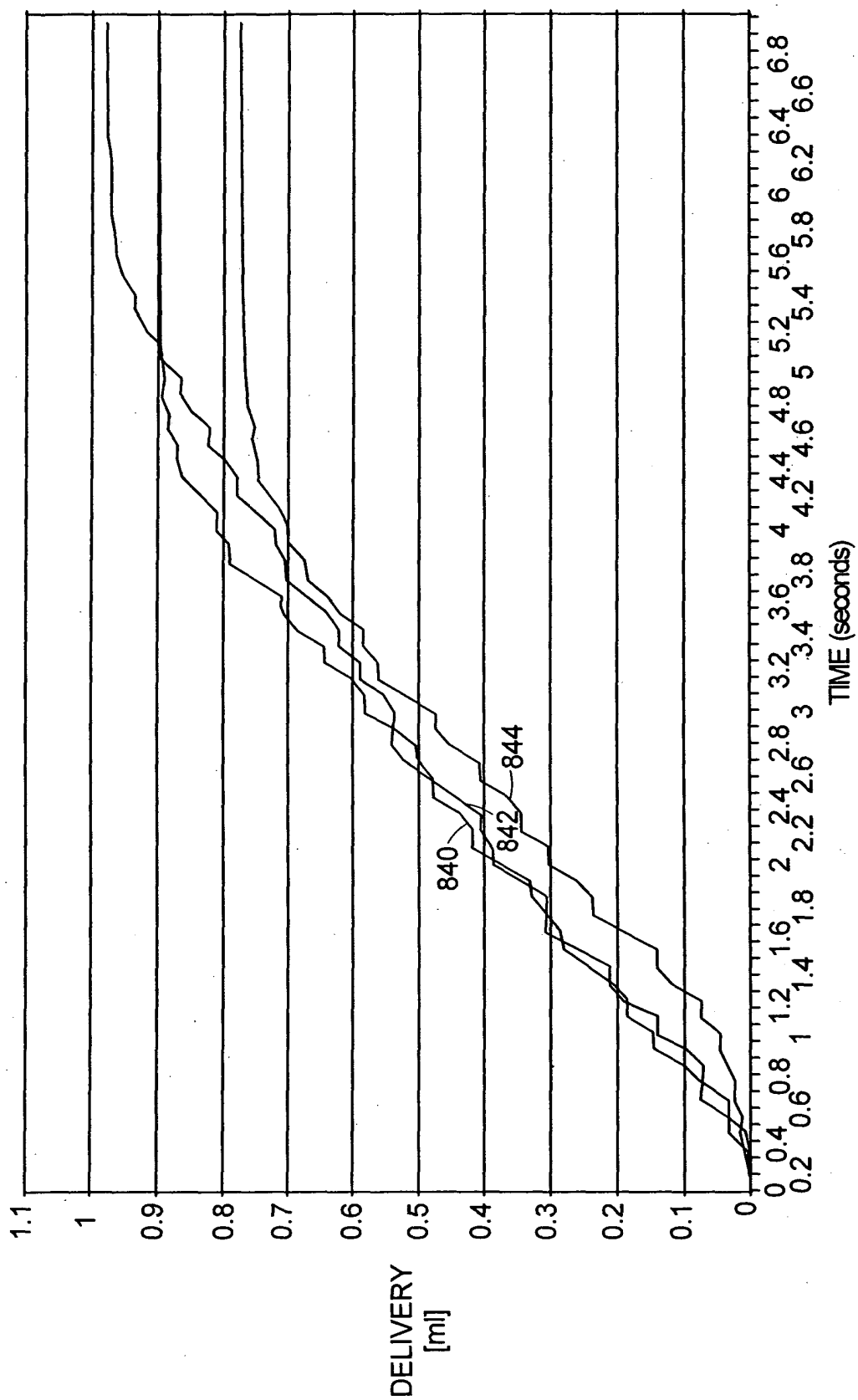


Figure 39

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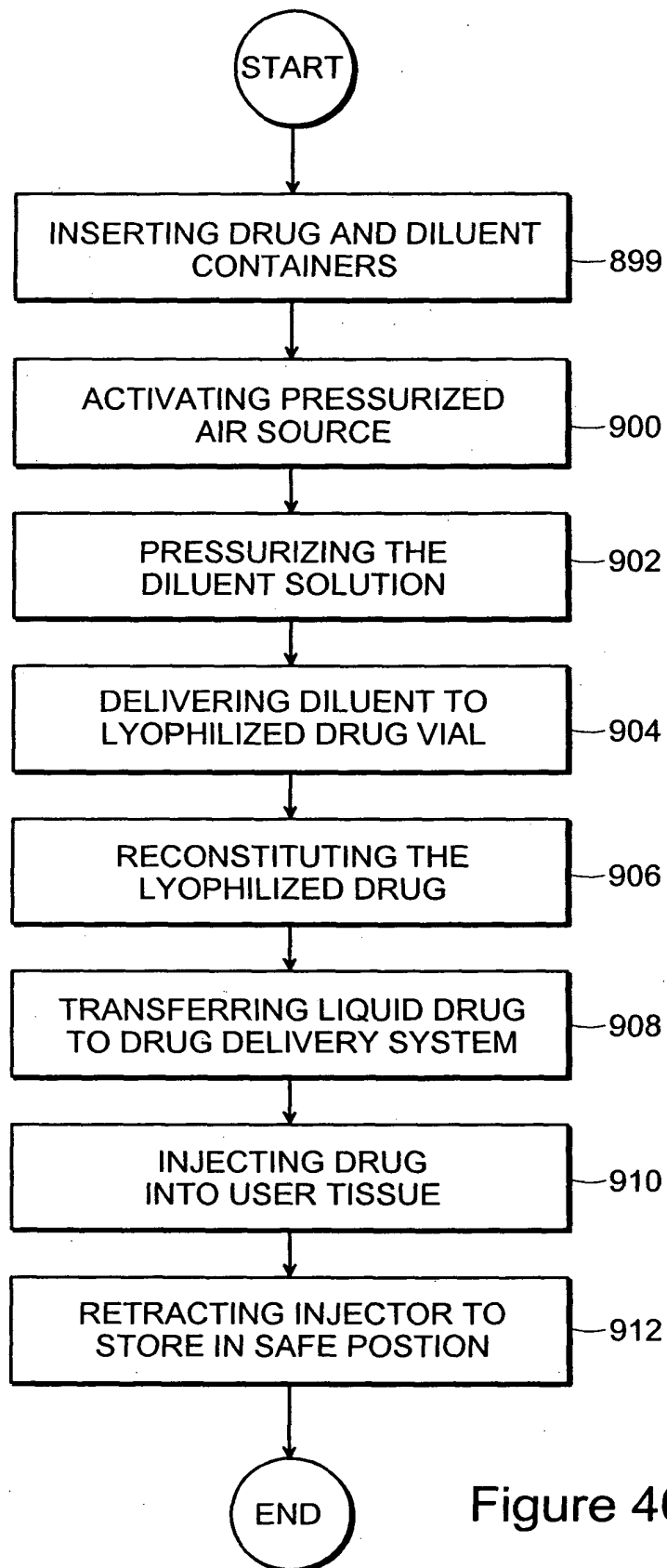


Figure 40

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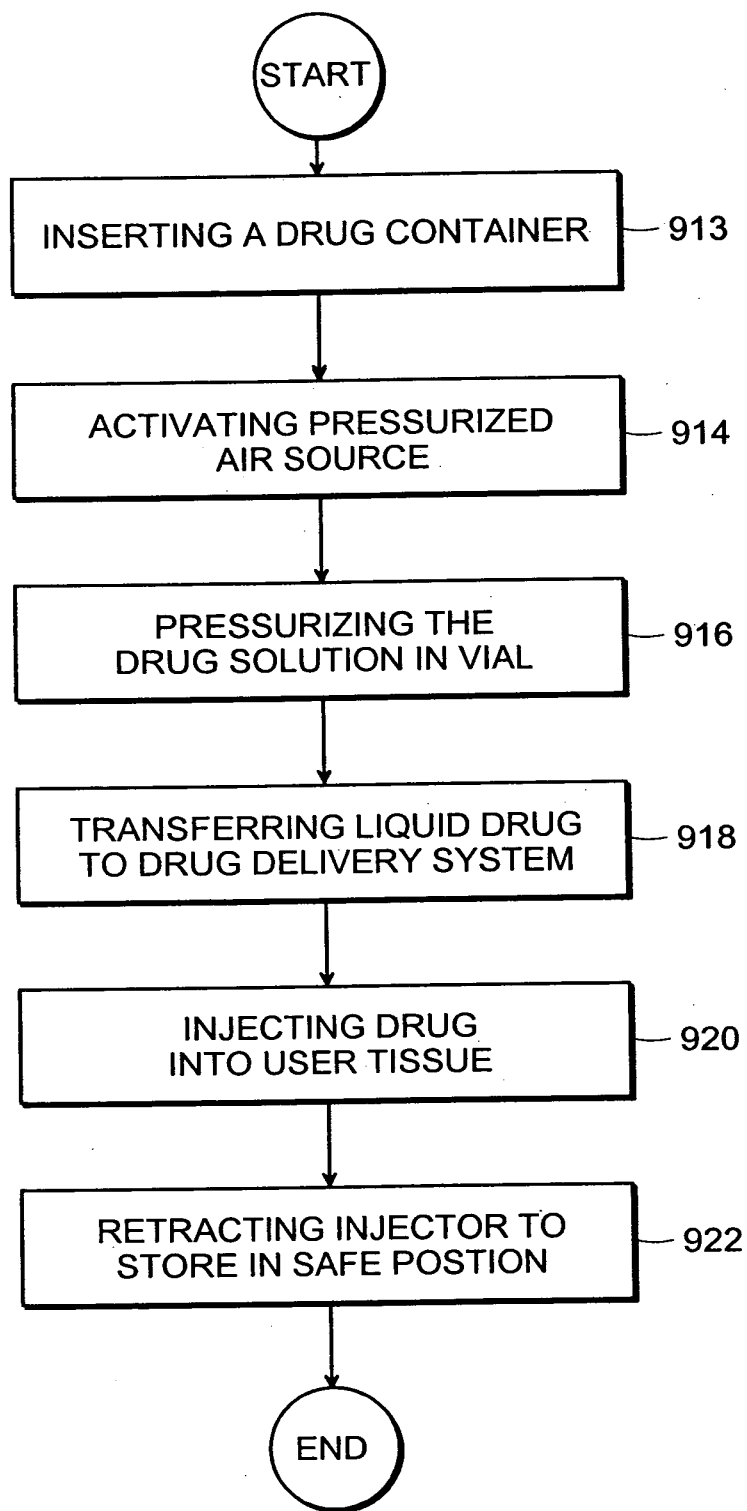


Figure 41